

20030313.qrp v02_n858.qrl.20030313

Date: Thu, 13 Mar 2003 19:03:10 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2858

QRP-L Digest 2858

Topics covered in this issue include:

- 1) [147498] Re: Antenna Question
by "KXBill" <w7kxb@cox.net>
- 2) [147499] Re: homebrewing ultra-lightweight feedline
by Rick McKee <kc8aon@juno.com>
- 3) [147500] Re: Antenna Question
by "Michael Melland" <w9wis@charter.net>
- 4) [147501] Re: Pesky Texan Armadillo Chase - Last Update
by "Doc - W5TB" <w5tb@arrl.net>
- 5) [147502] Re: Antenna Question
by "w8diz" <w8diz@fpqrp.com>
- 6) [147503] Re: Pesky Texan Armadillo Chase - Last Update
by "N1LN" <n1ln@earthlink.net>
- 7) [147504] Antenna report - Armadillo
by Mark Tyler <k5gq@juno.com>
- 8) [147505] Re: QRP-L digest 2857
by Tim Groat <tcgroat@earthlink.net>
- 9) [147506] Pesky Texan Armadillo Chase
by Chuck Carpenter <w5usj@9plus.net>
- 10) [147507] Re: Antenna Question
by "Pastor-kc1di" <elbc2@gwi.net>
- 11) [147508] Re: Dayton QRP Banquet door prizes!
by "John P. Cummins, Sr." <jpcummins@charter.net>
- 12) [147509] QRN at K0EVZ
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 13) [147510] NEQRP CW Net, Thursday, 13 Mar 03, 08:30 PM EST, 3.565 MHz
by Chuck Ludinsky <cjl@mitre.org>
- 14) [147511] Front Panels with TinyCad
by Howard Friedman <haf47@juno.com>
- 15) [147512] Re: Getting Started with SMD Soldering
by grizzarv@mindspring.com
- 16) [147513] PTAC - clean sweep
by James R Giammanco <n5ib@juno.com>
- 17) [147514] Pesky Texans...
by "Trevor Jacobs" <kg6cyn@earthlink.net>
- 18) [147515] Re: Antenna Question
by John Seboldt <k0jd-l@seboldt.net>
- 19) [147516] Re: Circuit Simulation Software

by John Seboldt <k0jd-1@seboldt.net>

20) [147517] Re: ArkieCon
by "Ed Rowan, AC5DC" <ac5dc@centurytel.net>

21) [147518] PT Armadillo Hunt Log
by Chuck Carpenter <w5usj@9plus.net>

22) [147519] Pesky Texasn Contest - ARM log
by Mark Tyler <k5gq@juno.com>

23) [147520] Texas Armadillo hunt
by Pete Burbank <plburbank@earthlink.net>

24) [147521] Pesky 'Dillos
by Glen Reid <k5fx@arrl.net>

25) [147522] Re: PT Armadillo Hunt Log
by "Trevor Jacobs" <kg6cyn@earthlink.net>

26) [147523] [FOX] Final Log, W0MC Fox 7 March 2003 0200Z
by "Jerry McCollom" <w0mc@radioactivehams.com>

27) [147524] Pesky Texan Armadillo Log N5ZE
by Lew Paceley <lew@paceley.com>

28) [147525] Armadillo Hunt 8^(
by "Doc K0EVZ" <dock0evz@earthlink.net>

29) [147526] Australia's Veteran's Magazine - 102 yr old Signalman's Article -
[long]
by "Ian C. Purdie" <ianpurdie@integritynet.com.au>

30) [147527] PTAC - Log K5PTC
by "N1LN" <n1ln@earthlink.net>

31) [147528] Re: Getting Started with SMD Soldering
by "Mike Yetsko" <myetsko@insydesw.com>

32) [147529] Re: Pesky Texans...
by "Tony Parks" <robert.parks11@gte.net>

33) [147530] Re: Antenna Question
by Dave Marling <ve1vq@auracom.com>

34) [147531] FOX 1 Tonight Mar-13
by Dave Gingrich K9DC <gingrich2@dcg.org>

35) [147532] Regular, or extra-pesky?
by <nkennedy@tcainternet.com>

36) [147533] Armadillo Contest...
by Bruce Rattray <rattray@gpfn.sk.ca>

37) [147534] Re: Antenna Question
by "cal.jsi" <cal.jsi@verizon.net>

38) [147535] ARM: RF Check Valve!
by "Stephen King" <frstephenk@stfrancishigh.org>

39) [147536] Re: Antenna Question
by "Michael Melland" <w9wis@charter.net>

40) [147537] FS Many Items
by "junius Fox" <jfox6@houston.rr.com>

41) [147538] Re: Pesky 'Dillos
by "George, W5YR" <w5yr@att.net>

42) [147539] Re: PTAC - clean sweep [Looks Good]
by Chuck Carpenter <w5usj@9plus.net>

- 43) [147540] RE: Dayton QRP Banquet door prizes!
by "Hare,Ed, W1RFI" <w1rfi@arrl.org>
- 44) [147541] Re: Pesky Texans...
by Lloyd Lachow <llachow@yahoo.com>
- 45) [147542] OT: SWL cards
by "Kenneth McGuire" <at902@tcnet.org>
- 46) [147543] Don't Trifle with the Truffle
by Lloyd Lachow <llachow@yahoo.com>
- 47) [147544] SGC page price reductions tuners
by "Charles Mabbott" <aa8vs@msn.com>
- 48) [147545] Re: Antenna Question
by Pete Burbank <plburbank@earthlink.net>
- 49) [147546] RE: Antenna Question
by Mark Schoonover <schoon@amgt.com>
- 50) [147547] Armadillo Chase 2003
by "Don Wines" <dwines@tyler.net>
- 51) [147548] Re: Pesky Texans...
by "Bart N5WL" <blawson@classicnet.net>
- 52) [147549] Re: NorCal BLT
by "John A. Evans - N0HJ" <jaevas@codenet.net>
- 53) [147550] Terminating an Antenna
by "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
- 54) [147551] Re: homebrewing ultra-lightweight feedline
by "John A. Evans - N0HJ" <jaevas@codenet.net>
- 55) [147552] Re: OT: SWL cards
by Bob Nielsen <nielsen@oz.net>
- 56) [147553] Re: Antenna Question
by "w8diz" <w8diz@fpqrp.com>
- 57) [147554] Terminating an Antenna
by "Charles Mabbott" <aa8vs@msn.com>
- 58) [147555] RE: Antenna Question
by Mark Schoonover <schoon@amgt.com>
- 59) [147556] Re: Terminating an Antenna
by WE7X@aol.com
- 60) [147557] Re: Pesky 'Dillos
by Glen Reid <k5fx@arrl.net>
- 61) [147558] Re: Antenna Question
by "Garey Barrell" <k4oah@mindspring.com>
- 62) [147559] Re: Terminating an Antenna
by Alex <kr1st@amsat.org>
- 63) [147560] Re: homebrewing ultra-lightweight feedline
by "Tim, N9PUZ" <n9puz@arrl.net>
- 64) [147561] RE: Getting Started with SMD Soldering
by "Hubert Smits" <hubert.smits@btinternet.com>
- 65) [147562] For Sale SG 2020 with ADSP
by Jeff <fantbb@yahoo.com>
- 66) [147563] 2003 Cherryville Hamfest
by "D. Albisser" <AlbisseD@ptd.net>

Date: Wed, 12 Mar 2003 16:23:33 -0700
From: "KXBill" <w7kxb@cox.net>
To: <bjtatum@ev1.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [147498] Re: Antenna Question
Message-ID: <000e01c2e8ee\$66229c80\$cfd60344@ph.cox.net>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Byron:

A 250 foot CFD will work great on the lower frequencies. It will load up all the way to ten meters but the pattern on the higher bands will have many deep nulls. This depends on how high you have it of course. I use an 88' CFD here and I can go from 80m thru 10m. An excellent tuner for a balanced feed line is the Johnson Match Box. Good luck
kxBill

Date: Wed, 12 Mar 2003 18:06:04 -0500
From: Rick McKee <kc8aon@juno.com>
To: jaevans@mail.codenet.net, qrp-l@Lehigh.EDU, fpqrp-l@mpna.com
Subject: [147499] Re: homebrewing ultra-lightweight feedline
Message-ID: <20030312.181704.8950.1.kc8aon@juno.com>

If you have some old foam insulated coax lying around, try using the foam with the shield and center conductor removed, then use a big needle to punch holes through it the right distance apart and thread them on the wire. To hold it in place, just use a drop of super glue at each junction. This makes a very light weight feedline ! Foam RG59 or foam mini 8 type of coax works very good because the foam insulator is about the right size to work right.

72/73 de: Rick McKee, KC8AON <> Willow Wood, Ohio - Grid: EM88rl
SW 40+, HW-8, Yaesu FT-7, Homebrew 6V6 tube TX & Surplus GRC 109 RX
Power is for punks ! QRP is for the confident !
QRP-L #2112, FPqrp #33, AR QRP #269
"A clear conscience is most likely the result of a poor memory"

On Wed, 12 Mar 2003 10:00:49 -0700 "John_Evans"
<jaevans@mail.codenet.net> writes:
>greetings,

>
> I am planning on making some lightweight open feedline for
>backpacking. I'll probably use some lengths of teflon wire.
>

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Visit www.juno.com

Date: Wed, 12 Mar 2003 17:26:42 -0600
From: "Michael Melland" <w9wis@charter.net>
To: <bjtatum@ev1.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [147500] Re: Antenna Question
Message-ID: <[000f01c2e8ee\\$d76e8480\\$3f20be42@computer](mailto:000f01c2e8ee$d76e8480$3f20be42@computer)>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Balanced balanced tuners....That could have been Rick Measure's article in
the 1990 QST.... see below....

<http://www.vcnet.com/measures/bbat.html>

Or.... if you have a spare \$1600 laying around <grin>...

<http://airwaterkinginc.purification.com/bzmmremotemotor.html>

I've seen other info on the net too.... try entering balanced balanced tuner
into a search engine. I like google..... <http://www.google.com>

73 de Mike

--

Michael Melland, W9WIS
Winneconne, Wisconsin USA EN54pc
qrp-l #1656 - qrp-parci # 9875 - iparc #252
ars #1075 - <http://webpages.charter.net/w9wis/>

Date: Wed, 12 Mar 2003 17:39:52 -0600

From: "Doc - W5TB" <w5tb@arrl.net>
To: <n1ln@earthlink.net>, <qrp-1@lehigh.edu>, <k5zty@juno.com>,
<w5ta@austin.rr.com>, <w5mj@houston.rr.com>, <w5hns@aol.com>,
Cc: <no5w@txucom.net>
Subject: [147501] Re: Pesky Texan Armadillo Chase - Last Update
Message-ID: <026001c2e8f0\$af0dafa0\$0400a8c0@attbi.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Thanks guys -- what started Friday as a simple water heater replacement =
turned out 5 days later to be the plumbing project from Hell. Turns out =
previous owners had capped the emergency pressure release/drain line in =
adding on to original home -- a ticking time bomb which could have ended =
in disaster. Resulted in tearing out walls & running a new line -- all =
is well now -- as far as Armadillo chase -- maybe next year ;-)

Good luck to all Armadillos and hounds -- if I can I'll join for a few =
minutes as a hound and then get back to patching the walls which now =
look as though designed by Dr. Frankenstein -- good news is we do have =
gas & water back even though the house looks like it's been torpedoed =
:-)

Many thanks Chuck -- best of luck!

72, 73, oo T.E. 'Doc' Drake, W5TB
Arlington, Texas
FISTS # 5365 QRP/ARCI # 3532 ARRL Life Member K1 #181 K2#1617=20
----- Original Message -----=20
From: <n1ln@earthlink.net>
To: <w5tb@arrl.net>; <n1ln@earthlink.net>; <qrp-1@lehigh.edu>; =
<k5zty@juno.com>; <w5ta@austin.rr.com>; <w5mj@houston.rr.com>; =
<w5hns@aol.com>; <n5tw@igg-tx.net>; <kq5u@arrl.net>; <w5pf@ev1.net>; =
<lew@paceley.com>; <n5et@arrl.net>; <k5gq@juno.com>; <k5nz@aol.com>; =
<w5yr@att.net>; <d.clark@asepusa.com>; <w5usj@9plus.net>; =
<cwhite314@direcway.com>; <w5sb@arrl.net>; <k5ln@aol.com>; =
<drichards@houston.rr.com>
Cc: <no5w@txucom.net>
Sent: Wednesday, March 12, 2003 4:37 PM
Subject: Re: Pesky Texan Armadillo Chase - Last Update

Doc and all,

We are set. Thanks to Bill - W5SB that had both Chuck's cell and pager
numbers - our #20 Armadillo will be: Chuck - N05W.

Lets hope for great band conditions.

Bruce - N1LN

Original Message:

From: Doc - W5TB w5tb@arrl.net
Date: Wed, 12 Mar 2003 12:16:04 -0600
To: n1ln@earthlink.net, qrp-1@Lehigh.EDU, k5zty@juno.com,
w5ta@austin.rr.com, w5mj@houston.rr.com, w5hns@aol.com, n5tw@igg-tx.net,
kq5u@arrl.net, w5pf@ev1.net, lew@paceley.com, n5et@arrl.net, =
k5gq@juno.com,
k5nz@aol.com, w5yr@att.net, d.clark@asepusa.com, w5usj@9plus.net,
CWhite314@direcway.com, w5sb@arrl.net, K5ln@aol.com,
drichards@houston.rr.com
Subject: Re: Pesky Texan Armadillo Chase - Last Update

I certainly hope to be there tonight as one of your Armadillos but I =
must
warn you we are now in the middle of a plumbing emergency which has a =
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tearing out 50 feet of wall in our living room and bath -- the place is =
a
wreck and we may or may not have water & gas tonight. If I wind up =
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XYL to motel she ain't gonna be in the mood for me to suggest I bring =
the
K2 ;-)

Just a heads up -- hope to CU tonight but if not you'll know what =
happened!

Bruce -- I know it's late but if you have another standby in the wings
please contact me as it would sure help out!

72, 73, oo T.E. 'Doc' Drake, W5TB
Arlington, Texas
FISTS # 5365 QRP/ARCI # 3532 ARRL Life Member K1 #181 K2#1617=20
----- Original Message -----=20
From: "N1LN" <n1ln@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Cc: "Zed - K5ZTY" <k5zty@juno.com>; "W5TA - Dick" <w5ta@austin.rr.com>;
"W5MJ" <w5mj@houston.rr.com>; "W5HNS - Henry" <w5hns@aol.com>; "Tom - =
N5TW"
<n5tw@igg-tx.net>; "Terry - KQ5U" <kq5u@arrl.net>; "Paul - W5PF"
<w5pf@ev1.net>; "N5ZE - Lew" <lew@paceley.com>; "N5ET - Bob"
<n5et@arrl.net>; "Mark - K5GQ" <k5gq@juno.com>; "K5NZ" <k5nz@aol.com>;

"George - W5YR" <w5yr@att.net>; "Doc - W5TB" <w5tb@arrl.net>; "Dan - =
KK5LD"
<d.clark@asepusa.com>; "Chuck - W5USJ" <w5usj@9plus.net>; "Cal - WF5W"
<CWhite314@direcway.com>; "Bill-W5SB" <w5sb@arrl.net>; "Bill - K5LN"
<K5ln@aol.com>; "Danny - N5BE" <drichards@houston.rr.com>
Sent: Monday, March 10, 2003 8:49 PM
Subject: Pesky Texan Armadillo Chase - Last Update

> Just two more nights before the Chase. Get your rigs warmed up - the
> Armadillos have been
> planning their strategy -
>=20
> Should they stay on one frequency and be easy to be found or QSY every =
"X"
> Qs.... only
> time will tell.
>=20
> Don't forget the rule change. The first place Chaser will be decided
based
> on the shortest
> elapsed time to score a sweep. If two Chasers sweep in the same =
elapsed
> time, the tie
> will be decided by the earliest finish.
>=20
> Info can be found at: <http://www.w5nc.org/ptac/default.htm>
>=20
> Hope to work you ! ! !
>=20
> 72,
>=20
> Bruce - N1LN (alias K5PTC - BOB)
>=20

mail2web - Check your email from the web at
<http://mail2web.com/> .

Date: Wed, 12 Mar 2003 19:10:28 -0500
From: "w8diz" <w8diz@fpqrp.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [147502] Re: Antenna Question
Message-ID: <00a801c2e8f4\$f4707470\$b8cf1d41@cinci.rr.com>

MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Hi Byron,

I have seen the article you mention, but I wanted to mention that you do not need dual roller inductors. You can build a balanced antenna tuner using one roller inductor and one variable cap.

I have build such a device; it is nothing more than a standard LC circuit where I switch the C to either input or output depending upon the Z of the antenna system. Just don't ground anything on the LC network.

You will need a Balun from the XMTR to the antenna tuner. For QRP work, a type 43 material balun will work fine. Use a BN-43-3202. Two turns input and 2 turns output will work from 160 to 10 meters.

I tested this balun with 5 watts input and measured a loss of about half a watt from 160 to 10; a 10 percent loss won't make much difference at the receiver end.

If you need more details, email me and I'll be glad to help.

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W
RIG:multiPIG+ ANT:470 FT Horiz Loop <http://kitsandparts.com>

----- Original Message -----

From: "Byron Tatum" <bjtatum@ev1.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, March 12, 2003 5:11 PM
Subject: Antenna Question

Hello-

It appears that I may be looking at using an antenna tuner with open wire feeder and dipole, as I have placed putting up a tower on hold.

I have plenty of room where I am and can put up a very long dipole { say 250' total if needed}.

I have never used this type of antenna system and want to work all HF bands.

I recall an article in QST about a year ago regarding an antenna tuner that was balanced, if I remember correctly it used dual roller inductors and was supposed to be much better for open wire feedline. Can anyone comment on

this to me? Thank you, Byron WA5THJ.

Date: Wed, 12 Mar 2003 18:14:47 -0600
From: "N1LN" <n1ln@earthlink.net>
To: "Doc - W5TB" <w5tb@arrl.net>, <qrp-1@lehigh.edu>, <k5zty@juno.com>,
<w5ta@austin.rr.com>, <w5mj@houston.rr.com>, <w5hns@aol.com>,
Cc: <no5w@txucom.net>
Subject: [147503] Re: Pesky Texan Armadillo Chase - Last Update
Message-ID: <000a01c2e8f5\$94aa1040\$9506fea9@station2>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Doc,

Well, perhaps not a perfect end to this day... but would be nice for you to
be the first place Chaser ! ! !

Hope to work you tonight,

Bruce - N1LN (K5PTC - Bob)

----- Original Message -----
From: "Doc - W5TB" <w5tb@arrl.net>
To: <n1ln@earthlink.net>; <qrp-1@lehigh.edu>; <k5zty@juno.com>;
<w5ta@austin.rr.com>; <w5mj@houston.rr.com>; <w5hns@aol.com>;
<n5tw@igg-tx.net>; <kq5u@arrl.net>; <w5pf@ev1.net>; <lew@paceley.com>;
<n5et@arrl.net>; <k5gq@juno.com>; <k5nz@aol.com>; <w5yr@att.net>;
<d.clark@asepusa.com>; <w5usj@9plus.net>; <cwhite314@direcway.com>;
<w5sb@arrl.net>; <k5ln@aol.com>; <drichards@houston.rr.com>
Cc: <no5w@txucom.net>
Sent: Wednesday, March 12, 2003 17:39
Subject: Re: Pesky Texan Armadillo Chase - Last Update

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adding on to original home -- a ticking time bomb which could have ended in
disaster. Resulted in tearing out walls & running a new line -- all is well
now -- as far as Armadillo chase -- maybe next year ;-)

Good luck to all Armadillos and hounds -- if I can I'll join for a few minutes as a hound and then get back to patching the walls which now look as though designed by Dr. Frankenstein -- good news is we do have gas & water back even though the house looks like it's been torpedoed :-)

Many thanks Chuck -- best of luck!

72, 73, oo T.E. 'Doc' Drake, W5TB
Arlington, Texas

FISTS # 5365 QRP/ARCI # 3532 ARRL Life Member K1 #181 K2#1617

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To: <w5tb@arrl.net>; <n1ln@earthlink.net>; <qrp-1@lehigh.edu>;
<k5zty@juno.com>; <w5ta@austin.rr.com>; <w5mj@houston.rr.com>;
<w5hns@aol.com>; <n5tw@igg-tx.net>; <kq5u@arrl.net>; <w5pf@ev1.net>;
<lew@paceley.com>; <n5et@arrl.net>; <k5gq@juno.com>; <k5nz@aol.com>;
<w5yr@att.net>; <d.clark@asepusa.com>; <w5usj@9plus.net>;
<cwhite314@direcway.com>; <w5sb@arrl.net>; <k5ln@aol.com>;
<drichards@houston.rr.com>

Cc: <no5w@txucom.net>

Sent: Wednesday, March 12, 2003 4:37 PM

Subject: Re: Pesky Texan Armadillo Chase - Last Update

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Lets hope for great band conditions.

Bruce - N1LN

Original Message:

From: Doc - W5TB w5tb@arrl.net

Date: Wed, 12 Mar 2003 12:16:04 -0600

To: n1ln@earthlink.net, qrp-1@Lehigh.EDU, k5zty@juno.com,
w5ta@austin.rr.com, w5mj@houston.rr.com, w5hns@aol.com, n5tw@igg-tx.net,
kq5u@arrl.net, w5pf@ev1.net, lew@paceley.com, n5et@arrl.net, k5gq@juno.com,
k5nz@aol.com, w5yr@att.net, d.clark@asepusa.com, w5usj@9plus.net,
CWhite314@direcway.com, w5sb@arrl.net, K5ln@aol.com,
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Subject: Re: Pesky Texan Armadillo Chase - Last Update

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Arlington, Texas

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From: "N1LN" <n1ln@earthlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Cc: "Zed - K5ZTY" <k5zty@juno.com>; "W5TA - Dick" <w5ta@austin.rr.com>;

"W5MJ" <w5mj@houston.rr.com>; "W5HNS - Henry" <w5hns@aol.com>; "Tom - N5TW"

<n5tw@igg-tx.net>; "Terry - KQ5U" <kq5u@arrl.net>; "Paul - W5PF"

<w5pf@ev1.net>; "N5ZE - Lew" <lew@paceley.com>; "N5ET - Bob"

<n5et@arrl.net>; "Mark - K5GQ" <k5gq@juno.com>; "K5NZ" <k5nz@aol.com>;

"George - W5YR" <w5yr@att.net>; "Doc - W5TB" <w5tb@arrl.net>; "Dan - KK5LD"

<d.clark@asepusa.com>; "Chuck - W5USJ" <w5usj@9plus.net>; "Cal - WF5W"

<CWhite314@direcway.com>; "Bill-W5SB" <w5sb@arrl.net>; "Bill - K5LN"

<K5ln@aol.com>; "Danny - N5BE" <drichards@houston.rr.com>

Sent: Monday, March 10, 2003 8:49 PM

Subject: Pesky Texan Armadillo Chase - Last Update

> Just two more nights before the Chase. Get your rigs warmed up - the
> Armadillos have been
> planning their strategy -
>
> Should they stay on one frequency and be easy to be found or QSY every "X"
> Qs.... only
> time will tell.
>
> Don't forget the rule change. The first place Chaser will be decided
based
> on the shortest
> elapsed time to score a sweep. If two Chasers sweep in the same elapsed
> time, the tie
> will be decided by the earliest finish.
>
> Info can be found at: <http://www.w5nc.org/ptac/default.htm>
>
> Hope to work you ! ! !

>
> 72,
>
> Bruce - N1LN (alias K5PTC - BOB)
>

mail2web - Check your email from the web at
<http://mail2web.com/> .

Date: Thu, 13 Mar 2003 00:28:21 GMT
From: Mark Tyler <k5gq@juno.com>
To: qrp-l@Lehigh.EDU
Subject: [147504] Antenna report - Armadillo
Message-ID: <20030312.192824.19482.120817@wm3.nyc.unttd.com>

I have put up a verticle and wanted to see how it performed.
Please provide true sig reports.

The verticle
verticle - RG8 shield 1/4 wave - one end held up by rope in a pine tree.
radials (2) - RG59 shield running NW to SW
The feed point is about 6 feet off the ground and the ends of the radials are up
about 5 feet.

I have a dipole and will switch when I do not hear any station calling.
Look forward to work you.

Mark
K5GQ
Houston

PS - will start out aroound 7.060 .010

Date: Wed, 12 Mar 2003 18:02:08 -0700
From: Tim Groat <tcgroat@earthlink.net>
To: qrp-l@lehigh.edu
Subject: [147505] Re: QRP-L digest 2857

Message-ID: <5.1.1.6.2.20030312174943.00a0fd00@mail.earthlink.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"; format=flowed

Not that I've tried this yet, but how about those plastic coffee stir sticks? You can get a boxful for a modest price, or save them when you get coffee at the company lunch room. They won't be heavy-duty by any stretch of the imagination, but they're small, lightweight, and the price is right! Attaching them to the wires could be tricky--maybe you can tie them on with fishing line, or use a blob of hot glue completely enclosing the slippery teflon insulation. Good luck!

72,

--Tim (KROU)

>"John_Evans" <jaejans@mail.codenet.net>:

>

> I am planning on making some lightweight open feedline for
> backpacking. I'll probably use some lengths of teflon wire.

>

> Any brainstorming or suggestions for how to make the feedline
> separators? I'd like to get some spacing similar to 450 ladder line or larger.

Date: Wed, 12 Mar 2003 19:39:37 -0600

From: Chuck Carpenter <w5usj@9plus.net>

To: <qrp-l@lehigh.edu>

Subject: [147506] Pesky Texan Armadillo Chase

Message-ID: <3.0.2.32.20030312193937.006b8f04@mail.9plus.net>

Mime-Version: 1.0

Content-Type: text/plain; charset="us-ascii"

Good luck to all.

Band is really noisy here tonight -- crashing to S9 levels

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1

QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57

Zombie #759, COG #11, 6- Club #201, NETXQRP <http://www.netxqrp.org>

Date: Wed, 12 Mar 2003 20:49:07 -0500 (Eastern Standard Time)

From: "Pastor-kc1di" <elbc2@gwi.net>
To: <bjtatum@ev1.net>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [147507] Re: Antenna Question
Message-ID: <3E6FE393.000001.01764@DOR>
MIME-Version: 1.0
Content-Type: Text/Plain
Content-Transfer-Encoding: quoted-printable

=0D

=0D

-----Original Message-----=0D

=0D

From: bjtatum@ev1.net=0D
Date: Wednesday, March 12, 2003 6:14:05 PM=0D
To: Low Power Amateur Radio Discussion=0D
Subject: Antenna Question=0D
=0D

Hello-=0D

It appears that I may be looking at using an antenna tuner with open=0D
wire feeder and dipole, as I have placed putting up a tower on hold.=0D
I have plenty of room where I am and can put up a very long dipole { say=0D
250' total if needed}.=0D

I have never used this type of antenna system and want to work all HF=0D
bands.=0D

I recall an article in QST about a year ago regarding an antenna tuner=0D
that was balanced, if I remember correctly it used dual roller inductors =
and=0D

was supposed to be much better for open wire feedline. Can anyone comment=
on=0D

this to me? Thank you, Byron WA5THJ.=0D

=0D

Hello Byron,=0D

=0D

Your are correct in that the article used two roller inductors to form an
balanced tuner configuration and this is better than a single ended
Unbalanced tuner . Another possibility would be to find an old Johnson
Matchbox.. which was also a balanced tuner.. The Z-Match is also a good
balanced line tuner.. I've built and used here with good success. Do a
google search for Z-Match and you find the details.=0D

=0D

Here I use a 160m (520 ft.) horizontal loop fed with homebrew open wire =
it

works great 160--10Mtrs. I'm using a simple MFJ Tuner at the moment and
seems to work ok but the balanced ones would be better. If your an Arr=
1

Member you can look up the article on their web page. Ebay usually has a
few johnson matchboxes for sale from time to time.. they do not work on 1=

60m

without modification and may not give a good match on some of the WARC bands

There is a German company that is making balanced tuners again but my memory fails as to the name of the company or the expense involved. Good luck and I think you'll enjoy the antenna when you get it up and running.

73 Dave Kc1di

Date: Wed, 12 Mar 2003 20:54:18 -0500
From: "John P. Cummins, Sr." <jpcummins@charter.net>
To: qrp-l@lehigh.edu
Subject: [147508] Re: Dayton QRP Banquet door prizes!
Message-ID: <3E6FE4CA.8050002@charter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Hi Scott...!!

We will be bringing one each of the NoGa kits. NoGaWaTT, NoGaPiG and NoGa Guppy.

I am driving and Tom Dooley is my passenger so will bring the door prizes with me.

Pickett, AD4S

Date: Wed, 12 Mar 2003 20:6:6 -0600
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-l reflector" <qrp-l@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [147509] QRN at K0EVZ
Message-ID: <4120033413266676@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Gosh, the QRN is running S-8 right now at K0EVZ. Sure hope it lets up a lot before the Armadillo Hunt later this evening. BTW, GL one and all and happy hunting.

73,
--Doc/K0EVZ

Date: Wed, 12 Mar 2003 21:17:56 -0500
From: Chuck Ludinsky <cjl@mitre.org>
To: neqrp@jonal.net, qrp-1@lehigh.edu
Subject: [147510] NEQRP CW Net, Thursday, 13 Mar 03, 08:30 PM EST, 3.565 MHz
Message-ID: <3E6FEA54.BB3F0369@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

The New England QRP Club's 80M CW net, WQ1RP, will meet again on Thursday, 13 March 2003, at 8:30 PM EST (01:30Z, 14 Mar 03) on or near 3.565 MHz. All hams are welcome. Net control operator will be Ed, AB1CW, operating from Tyngsboro, MA.

Last week's net had six participants:

WA8BXN	Mike	nr Cleveland, OH	589
W2SH	Charles	Millington, NJ	589
AB8DF	Ed	Waterford, MI	579
AB1CW	Ed	Tyngsboro, MA	599
W1PID	Jim	Sanbornton, NH	599
K1CL	Chuck	Chelmsford, MA	net op

Thanks to everyone for QNI'ing. Hope you all check in again this week.

72 DE K1CL,
Chuck

Date: Wed, 12 Mar 2003 21:44:36 -0500
From: Howard Friedman <haf47@juno.com>
To: qrp-1@lehigh.edu
Subject: [147511] Front Panels with TinyCad
Message-ID: <20030312.214438.-500491.0.haf47@juno.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hello to all. I have followed with interest the discussion about front panel design and how to do it.

I have used TinyCad on two occasions and am very pleased with it. TinyCad is a schematic drawing program, entry level, and has a fine component library with it. I suppose it is called entry level as it does not make printed circuit board layouts and so does not have all of the bells and whistles like an auto router etc. The file is only 1.6 meg.

Although it actually is not a drawing program, I didn't let that get in my way when I needed to make a front panel template. What I like about it is its ease of use. It has a grid scale and that makes it a piece of cake to place controls exactly, and you can label them with the font and size of your choice. I have yet to figure how to make dials on the panel with it, but it is no problem to save the screen, make a .gif out of it, and then plunk down a dial on it from another source.

Again, this is a schematic drawing program. I use the "junction" place command to put down markings for my drill points, and that seems to work just fine. It makes a little black mark perfect for a drilling guide.

Clearly this may not to be to every ones liking, but it sure does make a spiffy front panel for simple projects. Maximum size of the panel is slightly less than the 8 by 11 paper of your computer printer. I would think that if you needed a larger front panel than that you wouldn't be using this program to begin with!

TinyCad is open source freeware, meaning it is a work in progress, and the version you want is 1.60 or better. Older versions date to 1995 and would not be very good for the panel application I have described. This program runs smooth as silk on Win98 and I have yet to find a bug in it.

<http://sourceforge.net/projects/tinycad/>
<http://prdownloads.sourceforge.net/tinycad/TinyCAD-1.60.10.exe?download>

73, Howard WA2AFD

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Date: Wed, 12 Mar 2003 21:17:13 -0600 (CST)
From: grizzarv@mindspring.com
To: qrp-1@lehigh.edu
Subject: [147512] Re: Getting Started with SMD Soldering
Message-ID: <200303130317.h2D3HDs01286@kg7yy.kg7yy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

I wrote:

> [...] That's also the reason I don't use the 00c tweezers I also have.

Actually, this is a 0c tweezers, not a 00c. They're still awful small
for me.

de kg7yy

Date: Wed, 12 Mar 2003 19:36:21 PST
From: James R Giammanco <n5ib@juno.com>
To: qrp-1@Lehigh.edu, W5XU@cox.net, gordonwayn@aol.com,
wayjan@bellsouth.net, aa5o@arrl.net, p.w.hoppe@att.net,
Subject: [147513] PTAC - clean sweep
Message-ID: <20030312.212812.4631.1.n5ib@juno.com>

de N5IB, Jim, in Baton Rouge LA

0202 KK5LD	559	TX	DAN	5W	7035.27
0205 N5BE	559	TX	DAN	5W	7041.20
0206 W5PF	559	TX	PAUL	5W	7043.18
0209 N5ZE	559	TX	LEW	5W	7044.05
0211 KQ5U	559	TX	TERRY	5W	7044.55
0213 K5PTC	559	TX	BOB	5W	7045.99
0216 WF5W	599	TX	CAL	5W	7036.70
0218 K5ZTY	559	TX	BILL	5W	7035.67
0220 N05W	559	TX	CHUCK	5W	7038.06
0222 K5LN	559	TX	BILL	5W	7041.08

0224 W5SB 599 TX BILL 5W 7045.16
0226 N5ET 559 TX BOB 5W 7051.17
0229 K5GQ 559 TX MARK 5W 7055.21
0234 W5TA 559 TX DICK 5W 7030.40
0237 K5NZ 599 TX MIKE 5W 7054.00

0240 W5USJ 599 TX CHUCK 5W 7051.95
0255 W5HNS 599 TX HENRY 4W 7036.46
0259 N5TW 559 TX TOM 5W 7040.48
0300 W5YR 559 TX GEORGE 5W 7042.48
0304 W5MJ 559 TX BOB 5W 7062.52

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Date: Wed, 12 Mar 2003 19:59:20 -0800
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [147514] Pesky Texans...
Message-ID: <00a701c2e914\$ef007ec0\$4aebb3d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Got on tonight to look for those pesky Texans, and found a few of them, but I guess propagation aint working from here to there as they just kept a callin' CQ ARM es most of the time before I could even get my call finished at 20 WPM! So much for baggin' any of those slippery armadillos ;-). Did anyone work any or all of them from out West? Were the big pesky antenna farms pointed NE...inquiring minds want to know after an hour of trying to bag you guys and not a single pelt...

73's Trev KG6CYN
<http://home.earthlink.net/~kg6cyn>
<http://www.qsl.net/kg6cyn>

Date: Wed, 12 Mar 2003 22:14:06 -0600
From: John Seboldt <k0jd-1@seboldt.net>
To: qrp-1@lehigh.edu
Subject: [147515] Re: Antenna Question
Message-ID: <5.1.0.14.0.20030312220435.03be8d80@seboldt.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 04:11 PM 3/12/03 -0600, you wrote:

> I recall an article in QST about a year ago regarding an antenna tuner
>that was balanced, if I remember correctly it used dual roller inductors and
>was supposed to be much better for open wire feedline. Can anyone comment on
>this to me? Thank you, Byron WA5THJ.

I know it was more than a year ago - can't place the year, but its title was "A Balanced Balanced Antenna Tuner" - basically a balun before, and a simple L network with 2 rotary inductors, belted together so they track each other, one in each leg, and a capacitor in shunt.

I've applied this idea to more selective tuner networks, like the SPC transmatch. See my sub-page <http://www.seboldt.net/k0jd/spc.html> . Though the tuner I used was not symmetrical, I kept it floating from ground and put a balun on the input so it saw its design 50 ohms and would behave its best. Several articles have suggested this, but there is debate on whether this is a true balanced situation. There's even a variant on this idea in the 1998 ARRL Handbook (possibly later editions - that's the last one I have, being a cheapskate...)

Other balanced networks may be closer to balanced perfection - my miniature Z match is quite nice, and needs only 2 capacitors for adjustment.

There's always the classic link-coupled balanced tuner, ideas for which are in some ARRL handbooks.

The worst is the common idea of putting a 4:1 balun on the *output* of an unbalanced tuner - this is seldom a good idea for the multiband balanced line approach, since the impedance is usually highly reactive, and a random impedance, and the balun may not be at its optimum performance.

Others will comment too, I'm sure.

John K0JD
Milwaukee, WI

Date: Wed, 12 Mar 2003 22:28:49 -0600
From: John Seboldt <k0jd-l@seboldt.net>
To: qrp-l@lehigh.edu
Subject: [147516] Re: Circuit Simulation Software
Message-ID: <5.1.0.14.0.20030312221530.03c08b60@seboldt.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:33 AM 3/12/03 -0800, you wrote:

>I was wondering, however, if anyone has a recommendation of
>a reasonably priced, full-featured software package that
>would suffice to overcome the Micro Cap limitations.
>Clearly, it need not include everything that Micro Cap or
>products of that level offer, but it would be neat to have a
>package that offered a graphical interface (in addition to
>net lists) with SPICE simulation.
>
>Thanks in advance.
>
>72,
>
>Bill, k6whp

My page <http://www.seboldt.net/k0jd/pspice.html> has some recommendations for other freebies that may be in the same or more powerful ballpark. OrCad Lite (PSpice) and Serenade SV (RF/communications) are worth playing with.

Electronics Workbench is one of the more reasonably priced simulators - actually it's MultiSim now - <http://www.interactiv.com/> - the StudentSuite is \$89.95 with a 100 component limit. Last I looked, the prices for a bigger version were only in the \$400 range (pretty cheap as this stuff goes - industrial stuff can be above \$4000), but couldn't find the prices on the website on a cursory examination just now.

Hope this helps.

John Seboldt K0JD
Milwaukee

Date: Wed, 12 Mar 2003 22:26:32 -0600
From: "Ed Rowan, AC5DC" <ac5dc@centurytel.net>
To: "w8diz" <w8diz@fpqrp.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [147517] Re: ArkieCon
Message-ID: <3E6FB418.8967.54B26E@localhost>

<http://www.arkiecon.com>

Ed, AC5DC
Greenwood, AR

Date sent: Tue, 11 Mar 2003 09:05:01 -0500
Send reply to: w8diz@fpqrp.com
From: "w8diz" <w8diz@fpqrp.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: Re: ArkieCon
Originally to: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Hi Jay,

Where is ArkieCon located? Have a website with map?
What is camping cost? Restrictions? General info?

I know nothing about it; may try and attend. Also, you
way want to inform the rest of QRP-L on this info.

TNX

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W
RIG:multiPIG+ ANT:470 FT Horiz Loop <http://kitsandparts.com>

----- Original Message -----

From: "Jay Bromley" <w5jay@alltel.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Tuesday, March 11, 2003 12:24 AM
Subject: ArkieCon

<http://www.arkiecon.com/>

Hi gang again!

ArkieCon is near and the above link has all the information you might need.
If you have attended ArkieCon in the past you know this is a very different
QRP forum and varies from year to year. This year will be no exception.
More on this later.

The ArkieCon date for this year is April 5th, but the QRPers show up in
force on the evening of April 4th for a no host dinner at the Rib Eye. Also
we are still doing the "Saturday night's Open House" held in the same room
the QRP forums were in earlier that day. The Fort Smith QRP is still

hosting a free barbeque again this year right before the "Saturday Night's Open House". So please plan to spend a couple of nights with us. Besides we all need a break from normal everyday life.

Check out this years guest speakers. We have Dave Benson from Small Wonder Labs, "Gentleman" Jim Cates from NorCal, "Dr. Megacycle" Jim Duffey, and Clifton Sikes coming this year. We still have a few in the wings, so we may have one or two more to announce later.

I could go on and on about how great our guest speakers are and I probably will later, hihi. Also part of the main show are the attendees. Attendees include those "Pesky Texans", other not so Pesky Texans :-), Clubs from St Louis, Iowa, Four State QRP, NorTex, AZ Scorpions, Houston QRP, ARCI, NJQRP, more QRPers right here from Arkansas/Oklahoma, east, west, north, and south of mid America. I am sure I missed one or two, but you get the idea. Saturday and Friday nights are some of my favorite parts of Arkiecon, just being able to fellowships with QRP's finest at one's own leisure!!

Speaking of Saturday nights open house the Four State QRP Club is coming down in force. Not that they haven't in years past, but watch out, these guys have their act together and are bringing their projects. I went to one of their meetings a few weeks ago and I have never seen anything like it before. So guys don't let the Four State guys have all the fun, bring your projects and show them off! Doug Hendricks will be doing the building contests judging on Saturday Night.

There will be QRP stations set up on Saturday afternoon for you to try your hand at operating these fine QRP rigs. In years pasted we have had Dave Guading, Dennis Foster, Vern Wright, and Dr. Megacycle set up some fabulous QRP antennas for guys to hook up their rigs to. Some of these antennas are on the cutting edge! So if you are new to QRP and want to know what all the hub-bub is about, please join us. I guarantee you will have a super time.

The main prize for Arkiecon 2003 is a TenTec Argonaut V. This is a fun rig to use and we will have it set up for you to compare it with the other rigs in attendance. Also the Argonaut V will be in the next product review section in the April issue of QST, but you can see it now at:
<http://www.arrl.org/members-only/prodrev/pdf/pr0304.pdf>

Now I hear that George, W5YR, says he needs a Ten Tec in his shack and is going to win it! So to keep ole "Yellow Rose" George at bay you need to pre-register with Jerry Parker at: jparker@fix.net Why you ask? Well it gives us a nice head count for Saturday Nights FREE Barbeque and gives you an extra ticket for the main drawing. You get both at the door of the QRP forums from Miss Kathy, WQ5T. If you don't pre-register you can still get in on the fun, just show up and you get one ticket for the main drawing, get to hang out with some super QRPers, and it is all FREE. You must be present to win the Argo V. It will be given away at the end of the QRP forums. I

must mention that there is small entry fee to get into the main hamfest which gives you access to all the QRP doings. The money goes to the Fort Smith AREA Amateur Radio Club that hosts this fine Hamfest and not to the Fort Smith QRP Group.

So I hope to see every one in a few weeks!

Many thanks and 73 de jay/w5jay..

Date: Wed, 12 Mar 2003 22:32:06 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: qrp-l@lehigh.edu, "N1LN" <n1ln@earthlink.net>
Subject: [147518] PT Armadillo Hunt Log
Message-ID: <3.0.2.32.20030312223206.006c4884@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Well, best I could do in the intense QRN here was 18 Qs. Camped out at 7052 for the duration.

Felt kind of silly sending out 559 when many sigs were 339 at best... [g]
But didn't want to change the memory keyer.

Thanks to all those who tuffed it out and I was able to get them in the log. Lots of repeats needed to fill in where the QRN took out part or all of the exchanges.

0221 N9NE	559	WI	Todd	5W
0223 K0EVZ	579	ND	Doc	5W
0224 N5ACA	579	TX	Tom	2W?
0232 K5AIC	559	MS	Herb	4W
0238 N5IB	559	LA	Jim	5W
0249 K5UV?	559	OK	Mike	5W
0254 K5PSH	559	TX	Jerry	5W
0259 AA50	559	LA	Vern	5W
0309 AJ4AY	559	AL	Jay	5W
0316 KK5NA	559	TX	Joe	5W
0318 WB6BWZ	559	GA	Matt	5W

0324 K5FX 579 TX Glen 5W
 0335 K5SA 579 MS Skip 5W
 0337 N5TU 599 MI Earl 200W [Best Copy 8^)...]
 0340 N2CQ 559 NJ Ken 5W
 0343 W5JAY 559 AR Jay 5W
 0345 K5BGB 569 TX Rod 5W
 0347 W5MF 559 TX Marty 5W
 0400 QRT

Log is correct to the best of my awareness.

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1
 QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57
 Zombie #759, COG #11, 6- Club #201, NETXQRP <http://www.netxqrp.org>

 Date: Thu, 13 Mar 2003 04:36:03 GMT
 From: Mark Tyler <k5gq@juno.com>
 To: qrp-l@Lehigh.EDU
 Cc: N1LN@earthlink.net
 Subject: [147519] Pesky Texasn Contest - ARM log
 Message-ID: <20030312.233617.1833.18799@webmail12.nyc.untld.com>

Weatherman said we would get rain but only static came.
 QRN was high. S6 to S9
 Please the log entry and let me know if there are any corrections.

I used the verticle most of the time.
 I hope that next time conditions will be better; and if I did not answer maybe next time..

Band	Date	Time	QSO#	Call wrkd	Sent	Rcvd	Name	Qth
----	----	----	----	-----	----	----	----	----
40CW	13-Mar-03	02:20	1	N9NE	559	559	TOD 5	WI
40CW	13-Mar-03	02:21	2	K5PSS	559	559	JERRY 5	TX
40CW	13-Mar-03	02:27	3	AA50	559	559	VERN 5	LA
40CW	13-Mar-03	02:30	4	N5IB	559	559	JIM 5	LA
40CW	13-Mar-03	02:41	5	K5SA	559	579	OH 5	SKIP
40CW	13-Mar-03	02:46	6	AJ4AY	559	559	JAY 5	AL
40CW	13-Mar-03	02:47	7	WB6BWZ	559	559	MATT 5	CA
40CW	13-Mar-03	02:51	8	KR0UF	559	559	TIM 5	CO
40CW	13-Mar-03	02:56	9	K5FX	559	559	BUCK 5	TX
40CW	13-Mar-03	02:58	10	W5MF	559	559	MARTY 5	TX
40CW	13-Mar-03	03:00	11	K5DW	559	559	DON 5	TX
40CW	13-Mar-03	03:09	12	K5AIC	559	559	HERB 4	MS

40CW	13-Mar-03	03:20	13	K5UV	559	559	MIKE	5	OK
40CW	13-Mar-03	03:27	14	AC5JH	559	559	TOM	5	OH
40CW	13-Mar-03	03:50	15	N5TU	559	559	EARL	200W	MI
40CW	13-Mar-03	03:52	16	W5JAY	559	559	JAY	5	AR
40CW	13-Mar-03	03:57	17	N2CZ	559	559	KEN	50	NJ
40CW	13-Mar-03	04:01	18	W8RU	559	559	RON	5W	MI

Mark
K5GQ
back to mobile hf

Date: Thu, 13 Mar 2003 00:48:40 -0500
From: Pete Burbank <plburbank@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [147520] Texas Armadillo hunt
Message-ID: <5.2.0.9.0.20030312231806.00a36400@Earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

No wonder that all the signals were so low. N5IB had his nuclear powered RF vacuum running. :-) ! :-) !!!
That was fun despite condx. I've never heard so many requests for fills!
The strange thing is that the Texas
guys usually boom in here like there is a pipeline on 40 to Ky but not tonight. Another strange thing was that
I did not hear any of the Florida gang. That really surprised me.
Atmospheric noise was about S-7 so had to cut in every known filter, DSP and ANC-4 noise canceller to work 10 of the armor plated sloths
Solar flux about 140 and A index 10 so the noise must have emanated from all the wx fronts around the U.S.
Tnx to all for courteous and fun operation!
Pete NV4V Ky

Date: Wed, 12 Mar 2003 23:30:52 -0600
From: Glen Reid <k5fx@arrl.net>
To: AQR@yahoogroups.com, qrp-1@Lehigh.EDU

Subject: [147521] Pesky 'Dillos
Message-ID: <5.2.0.9.0.20030312232420.00aba338@pop-server.austin.rr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

What great fun!

Worked fourteen of the 20 'dillos, not bad considering they were all pretty close to me.

Most consistently strong signal was from W5RY.

Closest station I worked was N5ZE about 5 miles up the road.

Only 'dillo I heard, but couldn't work was KQ5U, perhaps next time.

73,

gr

GLEN REID
West of Austin, in the Texas Hill Country
k5fx@arrl.net

The difference between genius and stupidity is...
genius has it's limits.

Date: Wed, 12 Mar 2003 21:32:51 -0800
From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: <w5usj@9plus.net>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [147522] Re: PT Armadillo Hunt Log
Message-ID: <006001c2e921\$fe4013c0\$5798b3d1@tjacobs>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Chuck,

For what it's worth, you were a solid 559 here and very readable. I called you for at least 10 minutes. Think it must have been the band, as I had the same results with all PT's ;-)

73's Trev KG6CYN

<http://home.earthlink.net/~kg6cyn>
<http://www.qsl.net/kg6cyn>

----- Original Message -----

From: Chuck Carpenter <w5usj@9plus.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Sent: Wednesday, March 12, 2003 8:32 PM
Subject: PT Armadillo Hunt Log

> Well, best I could do in the intense QRN here was 18 Qs. Camped out
at
> 7052 for the duration.
>
> Felt kind of silly sending out 559 when many sigs were 339 at best...
[g]
> But didn't want to change the memory keyer.
>
> Thanks to all those who tuffed it out and I was able to get them in
the
> log. Lots of repeats needed to fill in where the QRN took out part or
all
> of the exchanges.
>
> 0221 N9NE 559 WI Todd 5W
> 0223 K0EVZ 579 ND Doc 5W
> 0224 N5ACA 579 TX Tom 2W?
> 0232 K5AIC 559 MS Herb 4W
> 0238 N5IB 559 LA Jim 5W
> 0249 K5UV? 559 OK Mike 5W
> 0254 K5PSH 559 TX Jerry 5W
> 0259 AA50 559 LA Vern 5W
> 0309 AJ4AY 559 AL Jay 5W
> 0316 KK5NA 559 TX Joe 5W
> 0318 WB6BWZ 559 GA Matt 5W
> 0324 K5FX 579 TX Glen 5W
> 0335 K5SA 579 MS Skip 5W
> 0337 N5TU 599 MI Earl 200W [Best Copy 8^)...]
> 0340 N2CQ 559 NJ Ken 5W
> 0343 W5JAY 559 AR Jay 5W
> 0345 K5BGB 569 TX Rod 5W
> 0347 W5MF 559 TX Marty 5W
> 0400 QRT
>
> Log is correct to the best of my awareness.
>
>
> Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1

> QRP-ARCI #5422, QRP-L #1306, QRPP-I #115, ARS #1280, SOC #57
> Zombie #759, COG #11, 6- Club #201, NETXQRP <http://www.netxqrp.org>

Date: Wed, 12 Mar 2003 23:15:11 -0700
From: "Jerry McCollom" <w0mc@radioactivehams.com>
To: <qrp-l@lehigh.edu>
Subject: [147523] [FOX] Final Log, W0MC Fox 7 March 2003 0200Z
Message-ID: <002a01c2e927\$e7dfb7b0\$8c01a8c0@hampc>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Folks,

Looks like I only needed to correct one transcription error, otherwise, the hunt is in the can!

Thanks again for the fun yet challenging outing!

73,

Jerry
W0MC

FOX LOG
7 MAR 2003 0200Z

TIME	CALL	RST	QTH	NAME	PWR
2:10	N0RC	599	CO	ROD	5mW
2:19	K5PSH	558	TX	JERRY	5W
2:25	N5ZE	559	TX	LEW	5W
2:27	W5YR	559	TX	GEORGE	5W
2:33	K5SR	559	TX	DALE	5W
2:40	K5DW	559	TX	DON	5W
2:45	K5JHP	559	TX	BILL	5W
2:46	KK5NA	559	TX	JOE	5W
2:47	W5USJ	559	TX	CHUCK	5W
2:50	N9NE	579	WI	TODD	5W
2:51	AC5JH	559	OK	TOM	5W
2:52	W5TB	559	TX	DOC	5W
2:57	K2ZN	339	NY	AL	5W
3:13	AC7A	559	AZ	TOM	5W
3:15	N4ROA	559	VA	DAN	5W
3:19	K5ZTY	559	TX	BILL	5W

3:21 AG0T 559 ND TODD 5W
3:22 K5FSE 599 GA JACK 5W
3:23 KK5LD 559 TX DAN 5W
3:24 W0CH 559 MO DAVE 5W
3:25 AA50 559 LA VERN 5W
3:26 K9DC 559 IL DAVE 5W
3:27 K6VNX 559 CA ARLEN 5W
3:29 N1TP 559 FL TOM 5W
3:30 KR5C 599 TX GEORGE 5W
3:31 AF4LQ 559 KY MIKE 5W
3:32 VE5RC 559 SK BRUCE 5W
3:33 NK6A 559 CA DON 5W
3:34 KQ5U 559 TX TERRY 5W
3:36 KG6CYN 559 CA TREV 5W
3:40 W2AGN 559 NJ JOHN 3W
3:41 K5AIC 559 MS HERB 5W
3:43 K40AH 559 GA GAREY 5W
3:44 N0AR 559 MN SCOTT 5W
3:45 K4FB 539 FL PAUL 5W
3:46 KC9LC 559 VA RANDY 5W
3:47 WA9TZE 559 WI JIM 5W
3:48 KB7WW 559 OR ART 5W
3:49 KJ0C 559 MO JIM 5W
3:50 VA6RF 559 AB EARL 5W
3:52 N9AW 339 WI JERRY 5W
3:53 NK9G 559 WI RICK 5W
3:54 WD9F 339 IL WOODY 5W
3:55 W7KXB 599 AZ BILL 5W
3:56 W9XU 559 WI LON 5W
3:57 W0UFO 559 MN MERT 5W
3:58 K6MMC 559 CA MIKE 5W
3:59 WE9K 559 WI GLENN 5W
4:00 K0PC FOX MN PAT 5W
4:00 W0MC FOX CO JERRY 5W

Date: Thu, 13 Mar 2003 00:38:26 -0600
From: Lew Paceley <lew@paceley.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Cc: N1LN <n1ln@earthlink.net>, Lew Paceley <lew@paceley.com>
Subject: [147524] Pesky Texan Armadillo Log N5ZE
Message-ID: <000d01c2e92b\$26e802c0\$6501a8c0@swbell.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1

Content-transfer-encoding: 7BIT

2003 Armadillo Hunt N5ZE

Band	Date	Time	QSO#	Call	worked
----	----	----	----	-----	
40CW	13-Mar-03	02:05	1	KE5TC	559 OK ROY 5W
40CW	13-Mar-03	02:07	2	AA50	559 LA VERN 5W
40CW	13-Mar-03	02:08	3	N5IB	559 LA JIM 5W
40CW	13-Mar-03	02:12	4	WB6BWZ	559 GA MATT 5W
40CW	13-Mar-03	02:13	5	K5DW	559 TX DON 5W
40CW	13-Mar-03	02:16	6	N5WL	559 OK BART 5W
40CW	13-Mar-03	02:19	7	K5AIC	559 MS HERB 4W*
40CW	13-Mar-03	02:26	8	W5TB	559 TX DOC 5W
40CW	13-Mar-03	02:32	9	N9NE	559 WI TODD 5W
40CW	13-Mar-03	02:37	10	K5FX	579 TX BUCK 5W
40CW	13-Mar-03	02:49	11	K5SA	579 MS SKIP 5W
40CW	13-Mar-03	02:52	12	N5ACA	449 TX TOM 1W+
40CW	13-Mar-03	03:00	13	W5JAY	559 AR JAY 5W
40CW	13-Mar-03	03:04	14	NV4V	539 KY PETE 5W
40CW	13-Mar-03	03:11	15	K6KSR	569 TX JD 2W+
40CW	13-Mar-03	03:24	16	WA7LNV	559 NM JACK 5W
40CW	13-Mar-03	03:28	17	KK5NA	559 TX JOE 5W
40CW	13-Mar-03	03:39	18	AJ4AY	559 AL JAY 5W
40CW	13-Mar-03	03:56	19	W5HNS	599 TX HENRY 4W*

* = 2 pt. QSO

+ = 3 pt. QSO

Condx at my QTH in Austin were terrible. S9 QRN and QSB to boot! THANK YOU all for coming out to work us in this soup. On several occasions I could hear vry weak sigs underneath the vapor layer. It seemed that you hunters could hear me a lot better than this 'dillo could hear you - very frustrating.

I had two busted contacts. Lloyd K3ESE was on the edge of vapor and I lost him. Tom, AC5JH, was louder but he also vanished. Sorry guys, I could have really used the QSOs to boost my meager score.

Nevertheless, it was great fun. Thanks Bruce, N1LN for organizing the party and inviting me to play.

72/73,

Lew

N5ZE

Date: Thu, 13 Mar 2003 1:4:49 -0600
From: "Doc K0EVZ" <dock0evz@earthlink.net>
To: "qrp-1 reflector" <qrp-1@lehigh.edu>
Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>
Subject: [147525] Armadillo Hunt 8^(
Message-ID: <41200334137449949@earthlink.net>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII

Gang:

Well the QRN was just too much here. Only logged 8 of the Armadillos tonite. Very different conditions from last year. The noise level never dropped below S-8 on the K2, and some of the static crashes were above S-9. Anyway, thanks Bruce and Pesky Texans for slogging it out tonite. I will be interested to see the logs.

73,
--Doc/K0EVZ

Date: Thu, 13 Mar 2003 21:27:00 +1100
From: "Ian C. Purdie" <ianpurdie@integritynet.com.au>
To: Flying Pigs <fpqrp-1@mpna.com>,
"glowbugs@piobaire.mines.uidaho.edu"
Subject: [147526] Australia's Veteran's Magazine - 102 yr old Signalman's Article - [long]
Message-ID: <3E705CF4.BA22E01F@integritynet.com.au>
MIME-Version: 1.0
Content-Type: text/plain; charset=iso-8859-1
Content-Transfer-Encoding: 8bit

It wouldn't come as a huge shock to folks to know that I am a member of Australia's principal veteran organisation, the RSL, known as the Returned

Services League.

Each month we receive our magazine which has feature stories, anecdotes, letters to the editor etc. along with advertisements for funeral homes and retirement villages [all familiar?] and so forth.

This month's issue features a young 102 year old 'Yeoman'. A signalman by any other name [a living legend]:

At the risk of prosecution [copyright], persecution and whatever - allow me to relate his story [long]:

ALBERT FLINT

[Who did win the battle of Jutland? We spoke to a man with very firm ideas on the subject - and he was there]

Among the crowd at Earlwood-Bardwell Park RSL Club, one small figure stands out: smartly dressed, wearing his service medals proudly. Albert Flint is fulfilling his daily independent ritual of meeting friends and enjoying a healthy meal, washed down occasionally by a glass of port.

At 102, Albert [all photographs included show from early days - to the present, a man of obvious strong personal character, the chin stands out, right from age 12 to 102] is a legend in the district, always turning up to commemorative events, taking part in RSL sub-branch activities, and happy to share his memories of a long naval service that began in World War 1.

"I was only 12 when I joined my first training ship" he says "and by the time I was 14, I was in the Royal Navy as a signal boy. I followed my father into the navy. He was on minesweepers."

Albert is one of a tiny handful of surviving veterans of the biggest sea battle of them all - 31st May, 1916, the Battle of Jutland in the North Sea [or as the Germans know it, the Battle of Skagerrak]. It was the only action he saw during WW1, but it was enough for a lifetime.

Albert was on "The Dom": the battleship HMS Indomitable.

"We struck rough weather and I'll never forget being seasick for half an hour. Then I got over it. We were in the Third Battle Squadron. We could only go 25 knots and were lagging behind. We lost 'Indefatigable', 'Queen Mary' and 'Inflexible', and if we'd been able to go the same speed, we'd have gone too."

When she joined the battle, HMS Indomitable engaged the German ships 'Derfflinger', 'Seydlitz' and 'Pommern', and was soon under fire herself, but, remarkably, took no casualties. The teen-aged signal boy was one of those most exposed to the enemy shells.

"I was on the bridge the whole time", says Albert. "I got very nervous - and that's what eventually got me discharged, a nervous disability. You couldn't see much - there was black smoke everywhere. All the ships were coal burners and you couldn't see the signals".

"It was terrifying. There was just smoke, and all the noise of the guns firing, and the ship shaking. I wouldn't want to see another Jutland, that's for sure."

The Royal Navy fleet, under Admiral John Jellicoe, deployed 28 Dreadnought destroyers and 9 battle cruisers at Jutland; the German commander, Admiral Scheer, had 16 Dreadnoughts and 5 battle cruisers.

The British lost 14 ships and 6,784 men compared with German losses of 11 ships and 3,058 men. Using those figures, Germany claimed victory. For Britain it was a tactical loss but a strategic gain: the Germans remained blockaded in their ports for the duration of WW1 and never went to sea again.

Almost 87 years later Albert Flint has no doubt about Jutland being a British victory.

"They go around saying who won the Battle of Jutland - but who surrendered? That's who the loser was".

[edit - at 102 no one would dare disagree]

And in his view Admiral Jellicoe was never given due credit. Even today Albert is quite passionate on this point.

"Beatty got all the glory and Jellicoe got was to be made Governor-General of New Zealand. But Jellicoe never got all the messages he should have done [sic]. You couldn't see the signals - there was no visibility - and there was a real mix-up in communications."

Albert remained on HMS Indomitable for the rest of the war.

"I have good memories of old 'Dom'. Our sleeping quarters weren't great - we had hammocks slung down below decks. And we weren't allowed to smoke on board or have a tot of rum until we were 18 - but I used to have a smoke when I was ashore!"

Albert stayed with the Royal Navy after the war and was posted to Malta to join the Grand fleet, serving throughout the Mediterranean on a variety of warships, including 'Eagle', 'Seraph', 'Ajax', 'Ramillies', 'Seaton', 'Hood', 'Vivid', 'Monarch', 'Trinidad' and 'Tedworth'.

In 1925, as a yeoman, or leading signalman, he agreed to transfer to the Royal Australian Navy for what was supposed to be a two year assignment.

The journey out was to be significant: asked to assist a female passenger who was seasick, he met the woman's daughter and fell in love. Albert and Sarah married and had two children; after Sarah's death he remarried but also lost his second wife, Amy, due to illness. Today he lives alone, caring for himself.

Albert spent six years in the RAN, serving on the 'Canberra', 'Cerberus', 'Brisbane', 'Australia', 'ANZAC' and 'Penguin'. After his discharge in 1931 he worked as a gatekeeper at Concord Hospital [Vets hospital], then as a gardener at the adjoining Red Cross hostel, until he was 85.

"I've been back to England twice but it's not the place I knew" says Albert. "The house where I grew up in Battersea is still there though."

Today, as a proud Australian, Albert Flint never fails to observe ANZAC Day and Remembrance Day, usually laying a wreath with his sub Branch at the local RSL Club. And there is one other day of commemorative significance marked on his calendar.

"21st October is Trafalgar Day and I join other members of the Royal Navy Association in laying a wreath at Kirribilli."

The era of british sea power has long been extinguished, but the proud naval tradition born of Trafalgar and Jutland continues to burn brightly in Sydney, in the 'indomitable' form of Albert Flint.

[This post pays homage to a very remarkable Albert. It also pays homage to my father, Richard [Dick] Purdie, VK2RP, VK3RP, VK2ARP - SK. Yeoman and Signaller - RAN 1916 -1928. Wireless Operator, Senior Training Officer, Signals Intelligence, Radar - 1930 - 1952]

72/73's

Ian C. Purdie

Budgewoi N.S.W. Australia - Co-ords S33 14', E151 34'

VK2TIP "I'll give ya the TIP mate" QRP-L #1978. SOC #171 FP#91

<http://www.electronics-tutorials.com/>

Date: Thu, 13 Mar 2003 06:11:15 -0600

From: "N1LN" <n1ln@earthlink.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>

Subject: [147527] PTAC - Log K5PTC

Message-ID: <011801c2e959\$abcb8c40\$9506fea9@station2>

MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Well - thanks to all that participated. The conditions were horrible. The storms in LA and KS / MO forced me to ONLY receive on my beverages. I know there were some calling that I could just not pull out. Everyone that I could not copy stopped the chance for that persons sweep - I am sorry. Actually, with conditions as they were, I will be very surprised if anyone gets a sweep.

Here is my log -
72,
Bruce - N1LN
(alias: K5PTC - Bob)

5W	1	2003-03-13 0200	7047 N9NE	559 MI	TODD
5W	2	2003-03-13 0204	7047 N2CQ	559 NJ	KEN
5W	3	2003-03-13 0207	7047 WA3BKD	559 PA	ART
5W	4	2003-03-13 0211	7046 K5UV	559 OK	MIKE
5W	5	2003-03-13 0213	7046 N5IB	559 LA	JIM
5W	6	2003-03-13 0214	7046 W2AGN	559 NJ	JOHN
4W	7	2003-03-13 0215	7046 WA5BDU	559 AR	NICK
5W	8	2003-03-13 0216	7045 K5PSH	559 TX	JERRY
5W	9	2003-03-13 0217	7046 NV4V	559 KY	PETE
5W	10	2003-03-13 0219	7046 N5TU	599 MI	EARL
5W	11	2003-03-13 0219	7046 AJ4AY	559 AL	JAY
5W	12	2003-03-13 0220	7046 K5DW	559 TX	DON
5W	13	2003-03-13 0221	7046 AA50	559 LA	VERN
5W	14	2003-03-13 0221	7046 N5ACA	559 TX	TOM
5W	15	2003-03-13 0222	7046 NN1F	559 NH	ARON

5W	16	2003-03-13 0226	7046 K8CV	559 MI	WALT
5W	17	2003-03-13 0228	7046 W5TB	559 TX	DOC
5W	18	2003-03-13 0238	7046 WB6BWZ	559 GA	MATT
5W	19	2003-03-13 0239	7046 K5SA	579 MS	SKIP
5W	20	2003-03-13 0240	7046 KE5TC	559 OK	ROY
5W	21	2003-03-13 0242	7046 K5FX	579 TX	BUCK
5W	22	2003-03-13 0244	7046 W5MF	559 TX	MARTY
4W	23	2003-03-13 0247	7046 K5AIC	559 MS	HERB
500MW	24	2003-03-13 0255	7046 WA7LNU	559 UT	JACK
5W	25	2003-03-13 0307	7046 W5JAY	559 AR	JAY
5W	26	2003-03-13 0308	7046 KK5X	559 TX	JOE
5W	27	2003-03-13 0312	7046 K5PSK	599 TX	CHRIS
5W	28	2003-03-13 0316	7046 W8UE	569 MI	TED
5W	29	2003-03-13 0317	7045 AF4PP	569 GA	CHUCK
5W	30	2003-03-13 0325	7046 K1HW	550 TX	JACK
5W	31	2003-03-13 0327	7046 K3ESE	559 MD	LLOYD
5W	32	2003-03-13 0331	7046 W8DRU	559 MI	RON
4W	33	2003-03-13 0343	7046 W8TM	569 NE	PAUL

Date: Thu, 13 Mar 2003 07:35:18 -0500
 From: "Mike Yetsko" <myetsko@insydesw.com>
 To: <Steve.Lawrence@ITWFEG.COM>,
 "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
 Subject: [147528] Re: Getting Started with SMD Soldering
 Message-ID: <005c01c2e95d\$0ad421e0\$0200a8c0@charter.net>
 MIME-Version: 1.0
 Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> The technique in general:
> - Tin only one pad with the smallest amount of solder. I chose a
> "central" pad for an IC, otherwise either end of a cap or resistor, etc.

I always start with a 'corner' of big chips. First I take two 'corners' and tin the pads. Then I lay down 'liquid flux'.

When I position the part, I can tack the corner and examine it carefully under the lens to make sure it's right. With the corner tacked down, I can 'rotate' the part slightly to make sure it's aligned properly, but I don't want to bend the lead much. Then I tack the opposing corner, and REALLY examine it close. If it needs a bit of alignment, doing the corners lets me easily re-align the part.

Different parts are different degrees of difficulty. But I have 3 parts that I have to put down regularly, including one that's 100 pins and the leads are as wide, if not wider, than the spaces between them.

Mike

Date: Thu, 13 Mar 2003 08:36:36 -0500
From: "Tony Parks" <robert.parks11@gte.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [147529] Re: Pesky Texans...
Message-ID: <002f01c2e965\$92e44f80\$4a12f143@3dse0>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Little success here in east-central Indiana with only one pelt, (shell??), for the evening. The few pesky Texans I heard were way down in the noise and could not hear me answering their CQ ARM. :-(Maybe better luck next year.

73,
Tony
KB9YIG

----- Original Message -----

From: "Trevor Jacobs" <kg6cyn@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Wednesday, March 12, 2003 10:59 PM
Subject: Pesky Texans...

> Got on tonight to look for those pesky Texans, and found a few of them,
> but I guess propagation aint working from here to there as they just
> kept a callin' CQ ARM es most of the time before I could even get my
> call finished at 20 WPM! So much for baggin' any of those slippery
> armadillos ;-) Did anyone work any or all of them from out West? Were
> the big pesky antenna farms pointed NE...inquiring minds want to know
> after an hour of trying to bag you guys and not a single pelt...
>
> 73's Trev KG6CYN
> <http://home.earthlink.net/~kg6cyn>
> <http://www.qsl.net/kg6cyn>
>
>

Date: Thu, 13 Mar 2003 09:29:11 -0400
From: Dave Marling <ve1vq@auracom.com>
To: <qrp-1@Lehigh.EDU>
Subject: [147530] Re: Antenna Question
Message-ID: <5.2.0.9.0.20030313090934.017a40a8@mail.auracom.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

For anyone interested in a version of Richard Measures' Balanced Tuner I've posted three pictures at -

<http://www.auracom.com/~dbm/tuner/tuner1.jpg>
<http://www.auracom.com/~dbm/tuner/tuner2.jpg>
<http://www.auracom.com/~dbm/tuner/tuner3.jpg>

As you can see it was made with inexpensive (scrounged) materials.

The #10 copper wire for the inductors was donated from an electrician friend. #12 or #14 solid would be easier to find and certainly would be easier to keep under tension while winding.

The two wires shorting out the coil turns are stranded #14. Those going to the capacitor are stranded #12. No reason for the

difference between the two pairs, just what happened to be on hand and within reach.

The tuner was originally built using TEN-TEC's capacitor kit (<http://www.tentec.com/tkit.htm#model1207>). The one in the pictures is from a junked Command Set transmitter. I am using this at the present time because it has a lower minimum capacitance than the TEN-TEC unit. Once the tests are over the 1207 will be re-installed.

Mr. Measures' article submitted to QST (FEB 1990) may be found at <http://www.vcnet.com/measures/bbat.html>.

Dave
VE1VQ/VA6NS

Date: Thu, 13 Mar 2003 08:40:24 -0500
From: Dave Gingrich K9DC <gingrich2@dcg.org>
To: <qrp-1@Lehigh.EDU>
Subject: [147531] FOX 1 Tonight Mar-13
Message-ID: <57999F2E-5559-11D7-B396-000393C78314@dcg.org>
Mime-Version: 1.0 (Apple Message framework v551)
Content-Type: text/plain; charset=US-ASCII; format=flowed
Content-Transfer-Encoding: 7bit

I will be on hound alert tonight from Indiana. Look for me around 7037+/- Listening up 1 - 2.

I'll be in there with my K2, but trying to keep my 210 ft Inverted L well hidden in the trees. But be wary, I may switch over to the 80m horizontal loop from time to time, so keep listening. You never know when I might pop up!

May the propo fairies be with you.

=====
Dave Gingrich, K9DC
Indianapolis, Indiana USA
=====

Date: Thu, 13 Mar 2003 7:42:52 -0600
From: <nkennedy@tcainternet.com>

To: qrp-1@Lehigh.EDU
Subject: [147532] Regular, or extra-pesky?
Message-ID: <20030313134252.UZLE17738.fe1@localhost>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO8859_1
Content-Transfer-Encoding: 7bit

Was it my imagination, or were the Texans peskier than usual last night? Or maybe it was the S9 QRN. My dreams of another sweep went away pretty quick. Worked about 10. Still, a fun event. Thanks to all the PT-Armadillos for their skill & persistence.

72-Nick, WA5BDU

--I'll see all you PTs at Arkiecon ...

Date: Thu, 13 Mar 2003 08:14:16 -0600 (CST)
From: Bruce Rattray <rattray@gpfn.sk.ca>
To: QRP-Canada <qrp-canada@neale.gpfn.sk.ca>,
Low Power Group <qrp-1@LeHigh.EDU>
Subject: [147533] Armadillo Contest...
Message-ID: <Pine.LNX.4.33.0303130807460.26336-1000000@neale.gpfn.sk.ca>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

...in a word, "disappointing"....I made ready for 2 hours of fun and began at 0200Z...at first I heard no one...then W5PF came out of the noise but try after try netted no contact...so I moved about the band and found W5TA and same thing, very weak signal and no success in getting through after trying and trying...found W5SB with a better signal but my experience was duplicated again; try, try, try but no contact....continued to listen but no other Pesky Texans to be heard in this neck of the rf woods...what did I do to incur Mother Propagation's wrath?...I'll never know eh!?...hihi...well, maybe next time...

..72/73 - Bruce (VE5RC+VE5QRP) QRP-C#1 QRP-L#886 ARCI#9683 Zombie#272
A-1 Operator Club - 10/10# 944 - QRP Borg#1 - Whiner#10 -
- VE5QRP SOC#11 - VE5RC SOC#12 - oo#148 - K2#2032 - COG#15 -
"QRP! How sweet it is!" "I am da man wit "DAH" paddle!"

Date: Thu, 13 Mar 2003 09:37:00 -0500
From: "cal.jsi" <cal.jsi@verizon.net>
To: "QRP-L" <qrp-l@Lehigh.edu>
Subject: [147534] Re: Antenna Question
Message-ID: <000301c2e96e\$01e98230\$fc53fea9@Sharon>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Byron,

Other antenna tuners well-suited to your application, that are less common than the Johnson Matchbox, are the KW Electronics E-zee Match and the Harvey Wells antenna tuners. These latter two are Z-match circuits. QRP versions of the Z-match are the BLT and the Emtech ZM-2.

A multi-band antenna tuner designed for feeding open-wire fed doublets was described in QST by Lew McCoy in the June 1964 issue. I built a variant of this tuner using Horner Kuper's article in the February 1962 issue of QST as the basis for much of the design.

Should you find that, on some bands, the feedpoint impedance is outside the matching range of the antenna tuner you have, it's usually helpful to change the length of the feedline a bit. One rule of thumb would say change the length by about 1/8 wavelength on the highest band of interest.

Another approach to such an antenna system that MAY allow you to escape use of an antenna tuner, or else to revert to today's Tee-match tuners is described by W5DXP. You can probably "Google" your way to that site.

72/73

Cal K4JSI

Date: Thu, 13 Mar 2003 09:48:21 -0500
From: "Stephen King" <frstephenk@stfrancishigh.org>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [147535] ARM: RF Check Valve!
Message-ID: <006601c2e96f\$97cc3760\$3950a8c0@RM204>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Lots of QRN here in NY, but heard many Armadillos ... but there must have

been an RF Check Valve over the Mason-Dixon Line Many of the armadillos I found were not hearing me or many other hounds that I was hearing calling with me. QRN must have been even worse down there! Hopefully better conditions next time!

Thanks to those Pesky Texans for sponsoring this event!
Peace & 73
Stephen
W3SMK
K2 #2644

Date: Thu, 13 Mar 2003 10:04:22 -0500
From: "Michael Melland" <w9wis@charter.net>
To: ve1vq@auracom.com,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [147536] Re: Antenna Question
Message-ID: <web-76029@rems10.cluster1.charter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset="ISO-8859-1"; format="flowed"
Content-Transfer-Encoding: 8bit

Cool Dave..... I wonder how hard it would be to scale something like this for qrp portable use ?

I'm making a fullsize 450 ohm ladder line fed doublet for static field use this summer and it would be an interesting project. I just don't think I have the design skill necessary <grin>.

Mike

--
Michael Melland, W9WIS
Winneconne, WI USA

Date: Thu, 13 Mar 2003 09:44:34 -0600
From: "junius Fox" <jfox6@houston.rr.com>
To: "qrp-l" <qrp-l@lehigh.edu>
Subject: [147537] FS Many Items
Message-ID: <007e01c2e977\$729b5e00\$ad160a43@alphac>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I have been on a building binge for the past three years.
I have more stuff than I could possibly use, and need to make room for more.

I have four MFJ CUBs built, checked and ready for a home. They are
30,17,15 and 40 mtr versions. You can have any one of these for \$65.00 plus
\$3:00 Shipping.

I also have a Green Mountain 17. (am a second owner) The unit is very
sensitive and operational and in good physical condition. - \$80.00 + \$ 3.00
Shipping.

If you are interested, please contact me off the list at the e-mail
address below.

72/73

Foxy
jfox6@houston.rr.com
<http://www.qsl.net/w5hir>

Date: Thu, 13 Mar 2003 09:59:22 -0600
From: "George, W5YR" <w5yr@att.net>
To: <k5fx@arrl.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [147538] Re: Pesky 'Dillos
Message-ID: <001501c2e979\$847219a0\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gee, Glen, I sure would like to think that you meant me when you mentioned
"W5RY"! I don't remember him/her being on the 'Dillo roster . . . <:}

If you did, thanks for the compliment - you are #5 in the log (coming out
today).

In recent years on 40 meters QRP, I have never ever heard the band as bad
as last night. Thanks to all who tried to work us and couldn't be heard.
Believe me, we tried at this end!

73/72, George
Amateur Radio W5YR - the Yellow Rose of Texas

Fairview, TX 30 mi NE of Dallas in Collin county EM13QE
"In the 57th year and it just keeps getting better!"
<mailto:w5yr@arrl.net>

----- Original Message -----

From: "Glen Reid" <k5fx@arrl.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Wednesday, March 12, 2003 11:30 PM
Subject: Pesky 'Dillos

> What great fun!
>
> Worked fourteen of the 20 'dillos, not bad considering they were all
pretty
> close to me.
>
> Most consistently strong signal was from W5RY.
>
> Closest station I worked was N5ZE about 5 miles up the road.
>
> Only 'dillo I heard, but couldn't work was KQ5U, perhaps next time.
>
> 73,
>
> gr
>
> GLEN REID
> West of Austin, in the Texas Hill Country
> k5fx@arrl.net
>
> The difference between genius and stupidity is...
> genius has it's limits.
>

Date: Thu, 13 Mar 2003 10:13:45 -0600
From: Chuck Carpenter <w5usj@9plus.net>
To: n5ib@juno.com,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [147539] Re: PTAC - clean sweep [Looks Good]
Message-ID: <3.0.2.32.20030313101345.00825100@mail.9plus.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Congrats, Jim. That will be in the E Pluribus Unum category... [g]

It was a struggle but glad I was able to pull you through!

At 07:36 PM 03/12/2003 PST, James R Giammanco wrote:

>de N5IB, Jim, in Baton Rouge LA

>

>0202 KK5LD 559 TX DAN 5W 7035.27

>0205 N5BE 559 TX DAN 5W 7041.20

>0206 W5PF 559 TX PAUL 5W 7043.18

>0209 N5ZE 559 TX LEW 5W 7044.05

>0211 KQ5U 559 TX TERRY 5W 7044.55

>

>0213 K5PTC 559 TX BOB 5W 7045.99

>0216 WF5W 599 TX CAL 5W 7036.70

>0218 K5ZTY 559 TX BILL 5W 7035.67

>0220 N05W 559 TX CHUCK 5W 7038.06

>0222 K5LN 559 TX BILL 5W 7041.08

>

>0224 W5SB 599 TX BILL 5W 7045.16

>0226 N5ET 559 TX BOB 5W 7051.17

>0229 K5GQ 559 TX MARK 5W 7055.21

>0234 W5TA 559 TX DICK 5W 7030.40

>0237 K5NZ 599 TX MIKE 5W 7054.00

>

>0240 W5USJ 599 TX CHUCK 5W 7051.95

>0255 W5HNS 599 TX HENRY 4W 7036.46

>0259 N5TW 559 TX TOM 5W 7040.48

>0300 W5YR 559 TX GEORGE 5W 7042.48

>0304 W5MJ 559 TX BOB 5W 7062.52

>

>

>

>

>

>-----
>Sign Up for Juno Platinum Internet Access Today

>Only \$9.95 per month!

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>

Chuck Carpenter, W5USJ, Point, Rains Co., TX - EM22cv, NETXQRP #1

Rock-Mites on 80, 40, 30, 20 and 15 Meters

QRP-ARCI #5422, QRP-L #1306, QRPp-I #115, ARS #1280, SOC #57

Zombie #759, COG #11, 6 Club #201, NETXQRP <http://www.netxqrp.org>

Date: Thu, 13 Mar 2003 11:15:19 -0500

From: "Hare,Ed, W1RFI" <w1rfi@arrl.org>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [147540] RE: Dayton QRP Banquet door prizes!
Message-ID: <721D3436A7C2B344A301FD4A413C71A9BFC709@kosh.ARRLHQ.ORG>
content-class: urn:content-classes:message
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

I will somehow manage to bring a few "bent-cover" door prizes with me, =
for the banquet and for ARCI to use as it sees fit for door prizes in =
any fashion.

73,=20
Ed Hare, W1RFI
ARRL Lab
=20

Date: Thu, 13 Mar 2003 08:17:04 -0800 (PST)
From: Lloyd Lachow <llachow@yahoo.com>
To: qrp-1@Lehigh.EDU
Subject: [147541] Re: Pesky Texans...
Message-ID: <20030313161704.60962.qmail@web41010.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

What a fun event this could be! Not that it wasn't
fun...but Imagine what if there was no crashing!

I was gonna be smart...I saw this unusual event,
where the shortest total time wins, and I
thought...I'll wait until the initial clamor of the
Hounds (or whatever you call an Armadillo-Hunter)dies
down, find all the 'dillos, note their location, and,
when I had 'em all, just sweep right through and pick
'em off! Right? Uh, no.

First, there was the QRN. Then, there was the band
fading. I began at about 0215, and by about 0240, I
had found about 10 or 11 'dillos, and the sigs were
rapidly getting weaker. I started to try to work them
'dillos, but it was a losing battle. I spent much of
the time trying to work Paul, W5PF, who was the
loudest one, up to a good 589 at times, but no luck,
although he tried mightily to dig me out. Many 'dillos

were 549-569, but no copy of my sigs. Most one-sided event I ever saw! The QRN must have been even worse, closer to the storm activity.

Ultimately, I heard fourteen hard-shelled critters, and worked four. BUT! I love the concept, and eagerly await the next one. Good work, and thanks, guys!!

=====

73, 72 es oo, Lloyd, K3ESE

K1 # 00379 - 20/40M Rock-Mites - Hunk o' Wahr

ARRL - ARS #1301 - FISTS #8774 - WATPK #8

FPqrp #476 - BORG #2 - QRParci #11147

QRP-L #2415 - SOC #530

Fun = Skill / Power

"You can't spell Lloyd without lol!"

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<http://webhosting.yahoo.com>

Date: Thu, 13 Mar 2003 11:23:16 -0500

From: "Kenneth McGuire" <at902@tcnet.org>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [147542] OT: SWL cards

Message-ID: <000801c2e97c\$db199aa0\$99fe19ac@tcnet.org>

MIME-Version: 1.0

Content-Type: text/plain;

charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

I recently received a bunch of SWL eqsl's from one SWL. I actually looked one of them up and can say I was on the air that day on that band and mode... I emailed the swl and asked him to give me more information - like the station I worked, so I could match it up with my logs and have not received a response. I want to do the "right" thing, but how much information should we have before we hams can verify a contact?

Ken McGuire

KC8LTL

Date: Thu, 13 Mar 2003 08:33:13 -0800 (PST)
From: Lloyd Lachow <llachow@yahoo.com>
To: qrp-l@Lehigh.EDU, fpqrp-l@mpna.com
Subject: [147543] Don't Trifle with the Truffle
Message-ID: <20030313163313.34442.qmail@web41008.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Friends,

I shall be dishing out great heaps of Truffles this evening, especially to those recalcitrant piggies who have yet to make their inevitable appearance in my WAP log (whoa, a little heavy on the hubris there!)

Truly, though, what better way to take a few warmup swings before the serious work of Hunting the Foxii? Merely find me somewhere around 7042-7045, I hope, where I might find a small clearing, and from where I will be listening up 1-2 kHz.

The exchange is the same as for the Fox hunt, except rather than sending my power (5W,) I'll be sending my Flying Pigs QRP Club number, which happens to be 476. If you're a piggie, you do likewise, and if you're not a piggie, just go to www.fpqrp.com , join up(it's free,)and get one. Failing that, send your power.

See you there!

=====

73, 72 es oo, Lloyd, K3ESE

K1 # 00379 - 20/40M Rock-Mites - Hunk o' Wahr

ARRL - ARS #1301 - FISTS #8774 - WATPK #8

FPqrp #476 - BORG #2 - QRParci #11147

QRP-L #2415 - SOC #530

Fun = Skill / Power

"You can't spell Lloyd without lol!"

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Date: Thu, 13 Mar 2003 11:49:56 -0500

From: "Charles Mabbott" <aa8vs@msn.com>
To: qrp-1@Lehigh.EDU
Subject: [147544] SGC page price reductions tuners
Message-ID: <F7vLEZAitu3ErzKCDph0000b789@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I see the SGC 239 tuner is knocked down to around \$180. Not a bad deal and have great luck with mine running SG 2020 mobile. Just wanted to pass information along.

73 oo
Chuck AA8VS

"Whoever said the pen is mightier than the sword obviously never encountered automatic weapons."

<http://68.43.100.7:81/aa8vs>

>From: John Seboldt <k0jd-1@seboldt.net>
>Reply-To: k0jd-1@seboldt.net
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Re: Circuit Simulation Software
>Date: Wed, 12 Mar 2003 22:28:49 -0600
>
>At 08:33 AM 3/12/03 -0800, you wrote:
>>I was wondering, however, if anyone has a recommendation of
>>a reasonably priced, full-featured software package that
>>would suffice to overcome the Micro Cap limitations.
>>Clearly, it need not include everything that Micro Cap or
>>products of that level offer, but it would be neat to have a
>>package that offered a graphical interface (in addition to
>>net lists) with SPICE simulation.
>>
>>Thanks in advance.
>>
>>72,
>>
>>Bill, k6whp
>
>My page <http://www.seboldt.net/k0jd/pspice.html> has some recommendations

>for other freebies that may be in the same or more powerful ballpark. OrCad
>Lite (PSPICE) and Serenade SV (RF/communications) are worth playing with.
>
>Electronics Workbench is one of the more reasonably priced simulators -
>actually it's MultiSim now - <http://www.interactiv.com/> - the StudentSuite
>is \$89.95 with a 100 component limit. Last I looked, the prices for a
>bigger version were only in the \$400 range (pretty cheap as this stuff goes
>- industrial stuff can be above \$4000), but couldn't find the prices on the
>website on a cursory examination just now.
>
>Hope this helps.
>
>John Seboldt K0JD
>Milwaukee

The new MSN 8: advanced junk mail protection and 2 months FREE*
<http://join.msn.com/?page=features/junkmail>

Date: Thu, 13 Mar 2003 11:49:45 -0500
From: Pete Burbank <plburbank@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [147545] Re: Antenna Question
Message-ID: <5.2.0.9.0.200303131114001.00a531f0@Earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:29 AM 3/13/2003, Dave Marling wrote:
>For anyone interested in a version of Richard Measures' Balanced Tuner
>I've posted three pictures at -
>
><http://www.auracom.com/~dbm/tuner/tuner1.jpg>
><http://www.auracom.com/~dbm/tuner/tuner2.jpg>
><http://www.auracom.com/~dbm/tuner/tuner3.jpg>
>
>As you can see it was made with inexpensive (scrounged) materials.

SNIP

Gangue, I'm confused (as usual). For years I have read that it is not a
good idea to have shorted turns
on a coil yet I keep seeing circuits like the above. Would it be better to
isolate one end of the coil and pick the
inductance with the jumper? That way the unused portion of the coil would

carry no current.
Can any one enlighten me?
73 Pete NV4V

Date: Thu, 13 Mar 2003 08:54:37 -0800
From: Mark Schoonover <schoon@amgt.com>
To: "'w9wis@charter.net'" <w9wis@charter.net>,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [147546] RE: Antenna Question
Message-ID: <BF889CEBEFD2D511B993009027F60ABE4F68D4@AG-JASMINE-NT4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"

Here's another site for a single coil ZMatch. I'm planning on building the higher powered one in a few weeks.

<http://www4.tpgi.com.au/users/ldbutler/SingleCoilZMatch.htm>

73

.mark

> -----Original Message-----
> From: Michael Melland [mailto:w9wis@charter.net]
> Sent: Wednesday, March 12, 2003 3:27 PM
> To: Low Power Amateur Radio Discussion
> Subject: Re: Antenna Question
>
>
> Balanced balanced tuners....That could have been Rick
> Measure's article in
> the 1990 QST.... see below....
>
> <http://www.vcnet.com/measures/bbat.html>
>
> Or.... if you have a spare \$1600 laying around <grin>...
>
> <http://airwaterkinginc.purification.com/bzmmremotemotor.html>
>
> I've seen other info on the net too.... try entering balanced
> balanced tuner
> into a search engine. I like google..... <http://www.google.com>
>

> 73 de Mike
> --
> Michael Melland, W9WIS
> Winneconne, Wisconsin USA EN54pc
> qrp-l #1656 - qrp-parci # 9875 - iparc #252
> ars #1075 - <http://webpages.charter.net/w9wis/>
>
>
>

Date: Thu, 13 Mar 2003 11:12:54 -0600
From: "Don Wines" <dwines@tyler.net>
To: "QRP-L LIST" <qrp-l@lehigh.edu>
Subject: [147547] Armadillo Chase 2003
Message-ID: <00bc01c2e983\$c91ffea0\$e8034c42@coxinternet.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="Windows-1252"
Content-Transfer-Encoding: 7bit

The PTAC 2003 last nite was a tester for sure! The noise level at my QTH was S9+ with crashes up to 10 over. Worst consistent noise on 40m that I've heard for a while.. maybe ever!

But, I did manage to bag 19 of the critters! The only one I missed was Chuck, W5USJ and he's only about 35 miles from me. I could hear chasers working him but never heard him at all.

Congrats to Jim, N5IB, for his sweep and in only 1:04! That's pretty amazing considering the condx last nite! Way to go Jim!

All in all a fun night! Looking forward to next year!

Now if I could just get my ears to quit to ringing!

#	TIME	CALL	Sent	Rcv	ST	NAME	PWR
1	02:01	KK5LD	559	559	TX	Dan	5W
2	02:04	WF5W	559	599	TX	Cal	5W
3	02:07	N05W	559	559	TX	Chuck	5W
4	02:11	W5YR	559	559	TX	George	5W
5	02:12	N5ZE	559	559	TX	Lew	5W
6	02:15	KQ5U	559	559	TX	Terry	5W
7	02:18	W5SB	559	599	TX	Bill	5W
8	02:19	K5PTC	559	559	TX	Bob	5W
9	02:22	W5TA	559	559	TX	Dick	5W

10	02:28	K5ZTY	559	559	TX	Bill	5W
11	02:32	W5MJ	559	559	TX	Bob	5W
12	02:37	W5PF	559	559	TX	Paul	5W
13	02:44	K5LN	559	559	TX	Bill	5W
14	02:56	N5ET	559	559	TX	Bob	5W
15	02:59	K5GQ	559	559	TX	Mark	5W
16	03:09	N5TW	559	559	TX	Tom	5W
17	03:16	K5NZ	559	599	TX	Mike	5W
18	03:25	W5HNS	559	599	TX	Henry	4W
19	03:29	N5BE	559	559	TX	Dan	5W
20	Miss	W5USJ			TX	Chuck	

72

Don, K5DW

k5dw@arrl.net

QRP-L #2083 QRP-ARCI #10145 NETXQRP #3 NORTEX #51 EM22gm

Visit the NETXQRP Web Site at <http://www.netxqrp.org>

Date: Thu, 13 Mar 2003 11:59:52 -0600
 From: "Bart N5WL" <blawson@classicnet.net>
 To: <qrp-l@Lehigh.EDU>
 Subject: [147548] Re: Pesky Texans...
 Message-ID: <000301c2e98a\$592d60e0\$40fea8c0@xxxxxxxxxxxxxx>
 MIME-Version: 1.0
 Content-Type: text/plain;
 charset="iso-8859-1"
 Content-Transfer-Encoding: 7bit

Hi,

I second Lloyds statement---great idea, horrible condx!
 I just managed 5 armadillos---but W5SB and KK5LD hung with me until it was
 obvious they were not going to be able to dig me out:-(

Do we have to wait a whole year before the next armadillo hunt???

cu es 72, Bart N5WL

Date: Thu, 13 Mar 2003 11:05:28 -0700

From: "John A. Evans - N0HJ" <jaevans@codenet.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [147549] Re: NorCal BLT
Message-ID: <3E70C868.F74DC968@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings,

Can you believe that I am just getting around to building the BLT? I plan to install it in an altoids tin for backpacking. Has anyone collected all the errata and mods for the BLT? If so, I'd love to get a copy and would truly appreciate it.

72 - john - n0hj

Date: Thu, 13 Mar 2003 12:07:52 -0600 (CST)
From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Cc: Brian Buydens <brian.buydens@usask.ca>
Subject: [147550] Terminating an Antenna
Message-ID: <Pine.OSF.4.44.0303131202310.433206-100000@duke.usask.ca>
MIME-version: 1.0
Content-type: TEXT/PLAIN; charset=US-ASCII

I have been reading the PDF Antenna Manual that the U.S. Marines put out and I have a question. In some of the antenna designs they talk about putting terminating resistors on the antenna (for example the random wire). How does this work? What does the other end of the resistor connect to?

I hope the various dieties of antenna wisdom will deign to look upon this request for simple antenna wisdom with benevolence and not subject me to the flames of QRP idiot damnation. Amen.

Thanks.

Brian Buydens
Veterinary Electronic Data Specialist
Computing Services, University of Saskatchewan
email: Brian.Buydens@usask.ca

<http://duke.usask.ca/~buydens>
VE5RDV

I am a proud citizen of "Soviet Canuckistan"

Date: Thu, 13 Mar 2003 11:08:47 -0700
From: "John A. Evans - N0HJ" <jaevans@codenet.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [147551] Re: homebrewing ultra-lightweight feedline
Message-ID: <3E70C92F.D1811C94@codenet.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Greetings,

I have received a ton of recommendations (interesting perspective for a lightweight project), including coffee stirrers, plastic staple insulators, punching 300 ohm twinlead. I am considering several and will experiment with them and glues if needed. I also thought of using some of the corrugated plastic that the USPS uses for mail crates (now if I can just locate some pieces at Office Depot or some such).

Thanks all and I will report at the conclusion of my experiments.

tnx es 72 - john - n0hj

Date: Thu, 13 Mar 2003 10:09:44 -0800
From: Bob Nielsen <nielsen@oz.net>
To: Low Power Amateur Radio Discussion <qrp-1@lehigh.edu>
Subject: [147552] Re: OT: SWL cards
Message-ID: <20030313180944.GA533@n7xy.net>
Mime-Version: 1.0

Content-Type: text/plain; charset=us-ascii
Content-Disposition: inline

On Thu, Mar 13, 2003 at 11:23:16AM -0500, Kenneth McGuire wrote:

> I recently received a bunch of SWL eqsl's from one SWL. I actually looked
> one of them up and can say I was on the air that day on that band and
> mode... I emailed the swl and asked him to give me more information - like
> the station I worked, so I could match it up with my logs and have not
> received a response. I want to do the "right" thing, but how much
> information should we have before we hams can verify a contact?
>

Date, time, station contacted, mode, signal report (by SWL). Most SWLs
are aware of this.

73,
Bob, N7XY

Bob Nielsen, N7XY
Bainbridge Island, WA
IOTA NA-065, USI WA-028S

n7xy@n7xy.net
<http://www.n7xy.net>

Date: Thu, 13 Mar 2003 13:27:56 -0500
From: "w8diz" <w8diz@fpqrp.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [147553] Re: Antenna Question
Message-ID: <002e01c2e98e\$456f11d0\$b8cf1d41@cinci.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Pete,

Think of the L circuit in an antenna tuner as a transformer,
and say you had a roller inductor with 30 turns. If you fed
current into the inductor at one end and tap to the antenna
at say the 5th turn, and leave the other end open circuit,
you will (could) have extremely high voltages at the free end.
This actually caused me to have a major problem in a homebrew
tuner that I build back in my QRO days :)

The far open end of the coil was supported by an insulator;
when I keyed the XMTR with an antenna mismatch, the insulator
broke down, BIG ARC. May not be a problem at QRP.

72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W
RIG:multiPIG+ ANT:470 FT Horiz Loop <http://kitsandparts.com>

----- Original Message -----

From: "Pete Burbank" <plburbank@earthlink.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Sent: Thursday, March 13, 2003 11:49 AM
Subject: Re: Antenna Question

At 08:29 AM 3/13/2003, Dave Marling wrote:

>For anyone interested in a version of Richard Measures' Balanced Tuner
>I've posted three pictures at -
>
><http://www.auracom.com/~dbm/tuner/tuner1.jpg>
><http://www.auracom.com/~dbm/tuner/tuner2.jpg>
><http://www.auracom.com/~dbm/tuner/tuner3.jpg>
>
>As you can see it was made with inexpensive (scrounged) materials.

SNIP

Gangue, I'm confused (as usual). For years I have read that it is not a good idea to have shorted turns on a coil yet I keep seeing circuits like the above. Would it be better to isolate one end of the coil and pick the inductance with the jumper? That way the unused portion of the coil would carry no current.
Can any one enlighten me?
73 Pete NV4V

Date: Thu, 13 Mar 2003 13:41:00 -0500
From: "Charles Mabbott" <aa8vs@msn.com>
To: buydens@duke.usask.ca, qrp-1@Lehigh.EDU
Subject: [147554] Terminating an Antenna
Message-ID: <F209Y4309gbhw9Ail3c0000dcc0@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

I remember [back when] about some guys that had small QRP units and were using short antennas, inches not feet to send code back and forth at a club meeting.

The idea seemed interesting and got to kicking some ideas around. I did post a question on list about best method of loading short antenna:

[Tx] -----^^^^^----- center load

[TX] --^^^^^^^^----- base loaded

[TX] -----^^^^^----- top loaded

approximate overall lengths of 12 / 16 inches on 40 meters. This is kind of leading me to believe where the manual may be heading but not for sure.

Seemed to me like it should provide a load transmitter would like and with short length of wire Tx/ Rx for short distances by ground wave. Got busy and have not tried it and got no answers from anyone either.

73 oo
Chuck AA8VS

"Whoever said the pen is mightier than the sword obviously never encountered automatic weapons."

<http://68.43.100.7:81/aa8vs>

>From: "Brian.Buydens@usask.ca" <buydens@duke.usask.ca>
>Reply-To: buydens@duke.usask.ca
>To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
>Subject: Terminating an Antenna
>Date: Thu, 13 Mar 2003 12:07:52 -0600 (CST)
>

>I have been reading the PDF Antenna Manual that the U.S. Marines put out
>and I have a question. In some of the antenna designs they talk about
>putting terminating resistors on the antenna (for example the random
>wire). How does this work? What does the other end of the resistor

>connect to?
>
>I hope the various dieties of antenna wisdom will deign to look upon this
>request for simple antenna wisdom with benevolence and not subject me to
>the flames of QRP idiot damnation. Amen.
>
>Thanks.
>
>
>Brian Buydens
>Veterinary Electronic Data Specialist
>Computing Services, University of Saskatchewan
>email: Brian.Buydens@usask.ca
>http://duke.usask.ca/~buydens
>VE5RDV
>
>-----
>I am a proud citizen of "Soviet Canuckistan"

Help STOP SPAM with the new MSN 8 and get 2 months FREE*
<http://join.msn.com/?page=features/junkmail>

Date: Thu, 13 Mar 2003 10:43:30 -0800
From: Mark Schoonover <schoon@amgt.com>
To: "'w8diz@fpqrp.com'" <w8diz@fpqrp.com>,
Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [147555] RE: Antenna Question
Message-ID: <BF889CEBEFD2D511B993009027F60ABE4F68DB@AG-JASMINE-NT4>
MIME-Version: 1.0
Content-Type: text/plain;
charset="windows-1252"

Pete and all,

> Think of the L circuit in an antenna tuner as a transformer,
> and say you had a roller inductor with 30 turns. If you fed
> current into the inductor at one end and tap to the antenna
> at say the 5th turn, and leave the other end open circuit,
> you will (could) have extremely high voltages at the free end.

Yes, they call these Tesla coils!

> This actually caused me to have a major problem in a homebrew

> tuner that I build back in my QRO days :)

If there was a way to put those coils in a tube, like a screwdriver antenna, that could help.

>

> The far open end of the coil was supported by an insulator;
> when I keyed the XMTR with an antenna mismatch, the insulator
> broke down, BIG ARC. May not be a problem at QRP.

Hope you didn't put your finger near the end! :)

73 .mark

Date: Thu, 13 Mar 2003 13:54:04 EST
From: WE7X@aol.com
To: buydens@duke.usask.ca
Cc: qrp-1@lehigh.edu
Subject: [147556] Re: Terminating an Antenna
Message-ID: <11e.1f4e964c.2ba22dcc@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Brian,

In general terms, and in my understanding, the terminating resistor goes to ground. Look at a Rhombic in any antenna manual, and probably any ARRL Amateur Radio Handbook. There are terminated ones and unterminated ones. One is unidirectional, the other is bi-directional. Very long wires arranged in a V pattern are often called V-beams. They both exhibit similar characteristics, so a single very long wire would likely do the same. Long wire antennas, as we often use the term, are often just random wire antennas.

A true "Long Wire" is 'long' in the sense of multiple wavelengths at the operating frequency, and is bi-directional; unless terminated. Then it becomes unidirectional with maximum radiation off the terminated end.

V-Beams and rhombics, when not terminated by a non-inductive resistor which matches the impedance, are bi-directional. When the termination resistor is added at the end of the antenna opposite the feedpoint, the antenna becomes unidirectional with maximum radiation of the terminated end. (Radio Amateur Handbook 1972)

I hope this helps.

Rod Johnson

WE7X

Date: Thu, 13 Mar 2003 12:59:06 -0600
From: Glen Reid <k5fx@arrl.net>
To: "George, W5YR" <w5yr@att.net>
Cc: qrp-1@Lehigh.EDU
Subject: [147557] Re: Pesky 'Dillos
Message-ID: <5.2.0.9.0.20030313125314.0373cdf8@pop-server.austin.rr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Absolutely, I meant you W5...Y...R!!! Sorry about the confusion.
Obliviously, my typing is no better than my sending.

You were the only station I heard throughout the 2 hours at a
consistently strong level.

Actually the band was noisy, I finally had to go to the 75A-4 for
receiving, but it did not appear to be as bad here as other places.

GL

gr

At 09:59 AM 3/13/2003, you wrote:

>Gee, Glen, I sure would like to think that you meant me when you mentioned
>"W5RY"! I don't remember him/her being on the 'Dillo roster . . . <:}

>

>If you did, thanks for the compliment - you are #5 in the log (coming out
>today).

>

>In recent years on 40 meters QRP, I have never ever heard the band as bad
>as last night. Thanks to all who tried to work us and couldn't be heard.

>Believe me, we tried at this end!

>

>73/72, George

>Amateur Radio W5YR - the Yellow Rose of Texas

>Fairview, TX 30 mi NE of Dallas in Collin county EM13QE

>"In the 57th year and it just keeps getting better!"

><mailto:w5yr@att.net>

>

>----- Original Message -----

>From: "Glen Reid" <k5fx@arrl.net>

>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

>Sent: Wednesday, March 12, 2003 11:30 PM

>Subject: Pesky 'Dillos
>
>
> > What great fun!
> >
> > Worked fourteen of the 20 'dillos, not bad considering they were all
>pretty
> > close to me.
> >
> > Most consistently strong signal was from W5RY.
> >
> > Closest station I worked was N5ZE about 5 miles up the road.
> >
> > Only 'dillo I heard, but couldn't work was KQ5U, perhaps next time.
> >
> > 73,
> >
> > gr
> >
> > GLEN REID
> > West of Austin, in the Texas Hill Country
> > k5fx@arrl.net
> >
> > The difference between genius and stupidity is...
> > genius has it's limits.
> >

GLEN REID
West of Austin, in the Texas Hill Country
k5fx@arrl.net

The difference between genius and stupidity is...
genius has it's limits.

Date: Thu, 13 Mar 2003 13:59:37 -0500
From: "Garey Barrell" <k4oah@mindspring.com>
To: <w8diz@fpqrp.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [147558] Re: Antenna Question
Message-ID: <015501c2e992\$b1e3f980\$6501a8c0@hp>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

Another good reason is that if a "tap" on a coil momentarily loses contact as the inductor is rotated while tuning, you just have a bigger "L" and not an open circuit!

73, Garey - K40AH
Atlanta

----- Original Message -----

From: "w8diz" <w8diz@fpqrp.com>

> Pete,

>

> Think of the L circuit in an antenna tuner as a transformer,
> and say you had a roller inductor with 30 turns. If you fed
> current into the inductor at one end and tap to the antenna
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>

> 72 & "oo's" - Dieter (DIZ) Gentzow - W8DIZ - Loveland, Ohio
> Clermont County - EM79uf - near Cincinnati; 39:13:05N 84:18:18W
> RIG:multiPIG+ ANT:470 FT Horiz Loop <http://kitsandparts.com>

>

>

> ----- Original Message -----

> From: "Pete Burbank" <plburbank@earthlink.net>

> To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

> Sent: Thursday, March 13, 2003 11:49 AM

> Subject: Re: Antenna Question

>

>

> At 08:29 AM 3/13/2003, Dave Marling wrote:

> >For anyone interested in a version of Richard Measures' Balanced
Tuner

> >I've posted three pictures at -

> >

> ><http://www.auracom.com/~dbm/tuner/tuner1.jpg>

> ><http://www.auracom.com/~dbm/tuner/tuner2.jpg>

> ><http://www.auracom.com/~dbm/tuner/tuner3.jpg>

> >

> >As you can see it was made with inexpensive (scrounged) materials.

>

> SNIP

>
> Gangue, I'm confused (as usual). For years I have read that it is
not a
> good idea to have shorted turns
> on a coil yet I keep seeing circuits like the above. Would it be
better to
> isolate one end of the coil and pick the
> inductance with the jumper? That way the unused portion of the coil
would
> carry no current.
> Can any one enlighten me?
> 73 Pete NV4V
>
>
>
>

Date: Thu, 13 Mar 2003 14:29:32 -0500
From: Alex <kr1st@amsat.org>
To: buydens@duke.usask.ca
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [147559] Re: Terminating an Antenna
Message-ID: <3E70DC1C.79BCD84D@amsat.org>
MIME-version: 1.0
Content-type: text/plain; charset=us-ascii
Content-transfer-encoding: 7bit

"Brian.Buydens@usask.ca" wrote:

>
> I have been reading the PDF Antenna Manual that the U.S. Marines put out
> and I have a question. In some of the antenna designs they talk about
> putting terminating resistors on the antenna (for example the random
> wire). How does this work? What does the other end of the resistor
> connect to?

I'm not sure which antenna you are referring to, but I think it's the
terminated V, or half rhombic?

Go to the US Patent Office website at:

<http://patft.uspto.gov/netahtml/search-bool.html>

and search for patent number 4511898. Fill out the number for "Term 1"
and select "Patent Number" from the drop down box on the right.

It describes the terminated inverted V antenna with matching transformer. According to the patent: "The purpose of resistor 4 is to absorb and dissipate antenna currents and thereby prevent reflections from the end of the antenna." The other side connects to ground, a ground rod.

On a side note, the US Patent Office could produce a very nice antenna book. There are many many designs available there, sometimes even with decent descriptions, images and complete building instructions.

73,
--Alex KR1ST

Date: Thu, 13 Mar 2003 12:21:28 -0600
From: "Tim, N9PUZ" <n9puz@arrl.net>
To: <jaevans@codenet.net>,
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [147560] Re: homebrewing ultra-lightweight feedline
Message-ID: <200303132025.0AA14928@zinc.eosinc.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"
Content-Transfer-Encoding: quoted-printable

On Thu, 13 Mar 2003 11:08:47 -0700, John A. Evans - N0HJ wrote:

>I have received a ton of recommendations (interesting=
perspective
>for a lightweight project), including coffee stirrers, plastic
>staple insulators, punching 300 ohm twinlead. I am considering
>several and will experiment with them and glues if needed. I=
also
>thought of using some of the corrugated plastic that the USPS=
uses
>for mail crates (now if I can just locate some pieces at Office
>Depot or some such).

John, one trade name for the material is Coroplast. You can=
normally buy
small quantities of it or possible even get free scraps from=
places that make
signs, etc.

Tim, N9PUZ

Date: Thu, 13 Mar 2003 19:52:50 -0000
From: "Hubert Smits" <hubert.smits@btinternet.com>
To: "'Low Power Amateur Radio Discussion'" <qrp-l@lehigh.edu>
Subject: [147561] RE: Getting Started with SMD Soldering
Message-ID: <002201c2e99a\$21c92160\$0100000a@mynote>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="US-ASCII"
Content-Transfer-Encoding: 7bit

James,

All advise given is valid, what I've done to gain experience is buying a baggie of mixed SMD parts from Electronic Goldmine and experiment on either bare boards, or old PCBs from which you first stripped the parts (computer boards, or cell phones). You don't get any working projects, but it steadies your hand and learns you the do's and don'ts. Cleaning a PCB board can be done by putting it on an old iron, heat it and tap it on the desk. Most of the parts will drop off.

Just my 2 pennies. Have fun.

72 de Hubert

Date: Thu, 13 Mar 2003 11:55:53 -0800 (PST)
From: Jeff <fantbb@yahoo.com>
To: qrp qrp <qrp-l@lehigh.edu>
Subject: [147562] For Sale SG 2020 with ADSP
Message-ID: <20030313195553.8888.qmail@web20421.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

For Sale SG 2020 with ADSP upgrade.
Good condition with mic, manuals
Works great. ADSP is excellent noise reducer and notch filter.

\$550

73!

Jeff

=====
AB6MB

NorCal QRP Club #65, QRP-L #1780, ARCI 10071
Radical FIST Member 6798, Fanatic A's fan #1

Date: Thu, 13 Mar 2003 15:38:29 -0500
From: "D. Albisser" <AlbisseD@ptd.net>
To: "QRP-L Reflector" <QRP-L@lehigh.edu>
Subject: [147563] 2003 Cherryville Hamfest
Message-ID: <4.1.20030313153452.009ad9d0@mail.ptd.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

In case you have not heard:

WHAT:

Cherryville Hamfest 2003

WHEN:

This Saturday March 15th, 2003 at 8:00AM

WHERE:

North Hunterdon Regional High School
Route 31, just south of Route 78
Clinton, New Jersey

Go to our web site at <http://www.qsl.net/w2cra/> and click on
Hamfest for a MAP & more info
Talk in: 147.375 + no PL

Admission is Still \$6.00

All tables \$15.00 each

Electric, \$5.00 extra

Vendor setup at 6:00am sharp. Pre-registration & payment is required. No
objectionable materials permitted

For information call (908) 788-4080 or on the web at www.qsl.net/w2cra

Vender Registration should be sent to:

Cherryville Repeater Association II

PO Box 308

Quakertown, NJ 08868

As always, there will be VE Testing. Pre-registration is requested

VE info contact:

Marty Grozinski, W2CG

908-788-2644, before 10:00pm

.Totally Indoors! Rain Or Shine!

.New and Used Radio Equipment

.Computer Equipment

.Parts and Accessories

.KJI Electronics

.DXCC QSL Field Checking
.Famous Cherryville Hamfest
.Burgers and Egg Sandwiches
.Door Prizes
.Something for Everyone so bring
.the Family!

End of QRP-L Digest 2858
